AERIAL VIEW OF THE

NIVERSITY CAMPUS

WEST VIRGINIA UNIVERSITY

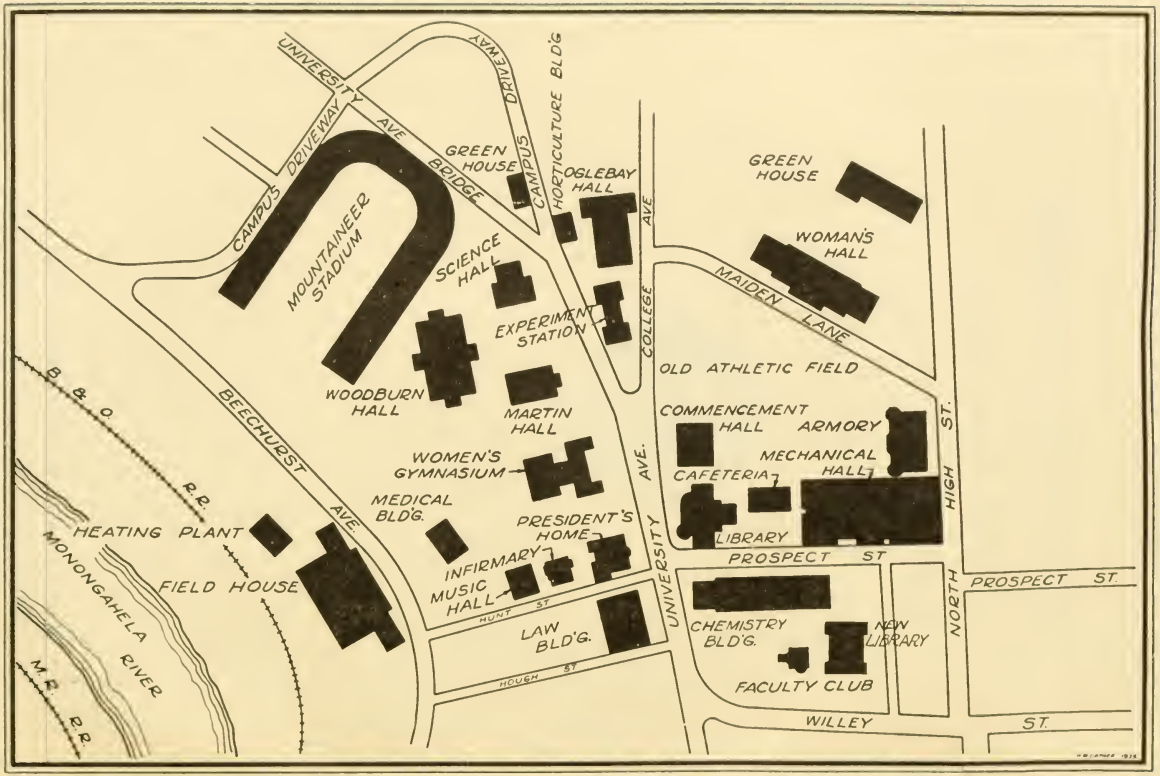
CATALOGUE NUMBER

1931-1932 Sessions

ANNOUNCEMENTS

1932-1933 Sessions

March One, Nineteen Hundred Thirty-two
MORGANTOWN, WEST VIRGINIA
Published by the University



MAP OF CAMPUS

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YEAR 1932

JANUARY

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YEAR 1933

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The .days that the University is in session are printed in light face type; Sundays, holidays, and vacations in bold face type

UNIVERSITY CALENDAR

1932

May 27, Friday, to June 4, Saturday, inclusive
Final examinations for second semester
May 30, Monday.....Memorial Day, a holiday
June 5, Sunday.....Baccalaureate exercises
June 6, Monday.....Alumni Day
June 7, Tuesday.....Commencement Day
June 13, Monday....Opening of Summer Session—registration of students
June 14, Tuesday.....First recitations of Summer Session
July 4, Monday.....Independence Day, a holiday
July 22, Friday.....Close of first term, Summer Session
July 23, Saturday
Opening of second term, Summer Session—registration of students
July 25, Monday.....First recitations of second term, Summer Session
August 27, Saturday.....Close of Summer Session
September 8, Thursday.....Opening of first semester
September 8, 9, 10, Thursday, Friday and Saturday
Freshman Week exercises including registration of freshmen
September 12 and 13, Monday and Tuesday
Registration of upper classmen
September 14, Wednesday.....First recitations of first semester
November 11, Friday.....Day for mid-semester reports
November 24, Thursday, to November 27, Sunday, inclusive
Thanksgiving recess
December 17, Saturday, to January 1, Sunday, inclusive..Christmas recess

1933

January 14, Saturday, to January 21, Saturday, inclusive
Final examinations for first semester
January 24, Tuesday.....Opening of second semester
January 24 and 25, Tuesday and Wednesday.....Registration of students
January 26, Thursday.....First recitations of second semester
March 22, Wednesday.....Day for mid-semester reports
April 13, Thursday, to April 19, Wednesday, inclusive.....Easter recess
May 26, Friday, to June 5, Monday, inclusive
Final examinations for second semester
May 30, Tuesday.....Memorial Day, a holiday
June 4, Sunday.....Baccalaureate exercises
June 5, Monday.....Alumni Day
June 6, Tuesday.....Commencement Day
June 12, Monday....Opening of Summer Session—registration of students
June 13, Tuesday.....First recitations of Summer Session
July 4, Tuesday.....Independence Day, a holiday
July 21, Friday.....Close of first term, Summer Session
July 22, Saturday
Opening of second term, Summer Session—registration of students
July 24, Monday.....First recitations of second term, Summer Session
August 26, Saturday.....Close of Summer Session

WEST VIRGINIA UNIVERSITY

MORGANTOWN

Established February 7, 1867

THE STATE BOARD OF CONTROL

	TERM EXPIRES
H. N. BRADLEY, PRESIDENT, *Charles Town*	June 30, 1935
F. W. McCULLOUGH, TREASURER, *Charleston*	June 30, 1937
JAMES S. LAKIN, *Charleston*	June 30, 1933

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	TERM EXPIRES
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HUGH IKE SHOTT, JR., *Bluefield*	June 1, 1933
GERTRUDE ROBERTS, *Huntington*	June 1, 1933
ARTHUR BURKE KOONTZ, *Charleston*	June 1, 1932
CLEVELAND McSHERRY SEIBERT, *Martinsburg*	June 1, 1933

CHARLES THOMPSON NEFF, JR., SECRETARY, *Morgantown*

The Board of Governors has charge of the educational and administrative affairs of the University.

West Virginia University publishes a general University catalogue as well as smaller bulletins descriptive of each of the various colleges and schools. Requests for copies of these publications and inquiries for information about the University and its work should be addressed to

THE REGISTRAR,
West Virginia University,
Morgantown, W. Va.

Part I

STAFF OF INSTRUCTION, RESEARCH, AND EXTENSION

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EARL HUDELSON, PH. D., *Chairman of the Division of Education.*

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RICHARD ASPINALL, PH. D., *Extension Agent.*

LOUISE KEENER, B. A., *Secretary to the President.*

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CHANDLER LINN BROOKS, *Superintendent of Buildings and Grounds.*

EMERSON CARNEY, *Manager, University Book Store.*

BERTHA BROWNING PURINTON, A. M., *Assistant Registrar.*

J. EVERETT LONG, A. B., *Assistant to the Registrar.*

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FREDERICK WENDELL WHITTLESEY, B. A., M. D., *Assistant Director of Student Health Service.*

MABEL LOVE, R. N., *University Nurse.*

THE DORMITORIES AND DINING HALLS

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ELIZABETH B. ABBOTT, *Assistant Preceptress at the Woman's Hall Annex.*

MINNIE CARPER WHITE, *Assistant Preceptress at the Boughner House.*

MAYME ELIZABETH WADDELL, B. S., *Dietitian.*

ZOLA SHIREY, B. S., *Assistant Dietitian.*

[1]Resigned, June 30, 1931.

STAFF OF INSTRUCTION

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FRANK BUTLER TROTTER, A. M., LL. D., *President Emeritus and Professor of Latin.*

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THOMAS CLARK ATKESON, PH. D., *Professor of Animal Husbandry Emeritus.*

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ALFRED JARRETT HARE, A. M., *Professor of the Latin Language and Literature Emeritus.*

RUSSELL LOVE MORRIS,[1] C. E., *Professor of Railway and Highway Engineering.*

¶JASPER NEWTON DEAHL, PH. D., *Professor of Education.*

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¶JOHN ARNDT EIESLAND, PH. D., *Professor of Mathematics.*

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¶LOUIS BLACK, *Professor of Music.*

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JOHN BEHNY GRUMBEIN, M. M. E., *Professor of Power Engineering.*

[1]Deceased, September 1, 1931.
¶Also member of 1932 Summer Session Staff.

ALEXANDER HARDIE FORMAN, M. M. E., PH. D., *Professor of Electrical Engineering.*

¶CHARLES HENRY AMBLER, PH. D., *Professor of History.*

¶LESLIE DAVID HAYES, M. E., *Professor of Machine Design and Construction.*

THOMAS PORTER HARDMAN, M. A., J. D., *Professor of Law.*

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EDWARD ALEXANDER LIVESAY, D. SC., *Professor of Animal Husbandry.*

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¶JAMES HERBERT GILL, M. E., *Professor of Machine Construction and Superintendent of Shops.*

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¶WILLARD WELLINGTON HODGE, M. A., *Professor of Chemical Engineering.*

LEO CARLIN, A. B., LL. B., *Professor of Law.*

¶SAMUEL MORRIS, PH. D., *Professor of Chemistry.*

¶FRED A. MOLBY, PH. D., *Professor of Physics.*

¶EDWARD SILVER MACLIN, B. S. ED., *Professor of Industrial Education.*

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EDWARD JERALD VAN LIERE, M. D., PH. D., *Professor of Physiology.*

LOUIS AUGUST RUFENER, PH. D., *Professor of Economics.*

WILSON PORTER SHORTRIDGE, PH. D., *Professor of History.*

FLOYD EARLE CHIDESTER, PH. D., *Professor of Zoology.*

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¶RALPH JOHN GARBER, PH. D., *Professor of Agronomy and Genetics.*

¶THOMAS LUTHER HARRIS, PH. D., *Professor of Sociology.*

¶JOHN E. WINTER, PH. D., *Professor of Psychology.*

ARTHUR A. HALL, B. S. M. E., *Professor of Electrical Engineering.*

¶Also member of 1932 Summer Session Staff.

PERRY DANIEL STRAUSBAUGH, PH. D., *Professor of Botany.*

¶ANDREW JACKSON DADISMAN, PH. D., *Professor of Farm Economics.*

GEORGE RUSSELL BANCROFT,[1] PH. D., *Professor of Biochemistry.*

¶ALLEN WILSON PORTERFIELD, PH. D., *Professor of German.*

¶ROBERT CAMERON COLWELL, PH. D., *Professor of Physics.*

¶CHARLES ELMER LAWALL, E. M., M. S., *Professor of Mining Engineering.*

¶PERLEY ISAAC REED, PH. D., *Professor of Journalism.*

GIDEON STANHOPE DODDS, PH. D., *Professor of Histology and Embryology.*

¶CLAUDE CARL SPIKER, PH. D., *Professor of French and Spanish.*

¶ROBERT CLIFTON SPANGLER, PH. D., *Professor of Botany.*

¶JAMES WIGGINS SIMONTON, A. B., J. D., S. J. D., *Professor of Law.*

CLEMENT COLEMAN FENTON, M. S., M. D., *Professor of Pathology and Clinical Pathology.*

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ROBB SPALDING SPRAY, PH. D., *Professor of Bacteriology and Hygiene.*

¶REBECCA LUELLA POLLOCK, PH. D., *Professor of Education.*

HARVEY HENRY FLETCHER,[2] MAJOR, INFANTRY (D. O. L.), UNITED STATES ARMY, *Professor of Military Science and Tactics.*

¶ELIZABETH MATTINGLY STALNAKER, PH. D., *Professor of Psychology.*

¶HUBERT HILL, M. S., *Professor of Chemistry.*

¶CARL PETER SCHOTT, PH. D., *Professor of Physical Education.*

HARRY ORAM HENDERSON, PH. D., *Professor of Dairy Husbandry.*

¶JOHN WILLIAM DRAPER, PH. D., *Professor of English.*

¶ROBERT BARCLAY DUSTMAN, PH. D., *Professor of Agricultural Chemistry.*

HARRY EDWARD KNOWLTON, PH. D., *Professor of Horticulture.*

¶LEWIS VAN CARPENTER, M. S. C. E., M. S. SAN. ENG'G., *Professor of Sanitary Engineering.*

¶WALTER ALLOS KOEHLER, CH. E., PH. D., *Professor of Chemical and Ceramic Engineering.*

CLAYTON ROBERTS ORTON, PH. D., *Professor of Plant Pathology.*

JOHN FAIRFIELD SLY, PH. D., *Professor of Political Science.*

[1]Resigned, June 30, 1931.
[2]Will return to United States Army service, June, 1932.
¶Also member of 1932 Summer Session Staff.

¶EARL HUDELSON, PH. D., *Professor of Education.*

WILLIAM SMITH DOWNS, B. S. C. E., C. E., *Acting Professor of Railway and Highway Engineering.*

¶BIRD MARGARET TURNER, PH. D., *Professor of Mathematics.*

¶JOHN EMLIN BOHAN, PH. D., *Professor of Education.*

¶FORREST WILBUR STEMPLE, PH. D., *Professor of Education.*

CLARENCE NEWTON REYNOLDS, JR., PH. D., *Professor of Mathematics.*

¶EARL CLAUDIUS HAMILTON DAVIES, PH. D., *Professor of Chemistry.*

HORACE ATWOOD,[1] M. S. AGR., *Professor Emeritus of Poultry Husbandry.*

¶LONNA DENNIS ARNETT, PH. D., *Librarian, and Instructor in Library Science.*

CAMDEN PAGE FORTNEY, B. S. C. E., Chairman, State Road Commission, *Director of the School of Good Roads.*

ELLIS SPENCE TISDALE, B. S. SAN. ENG'G., Director Division of Sanitary Engineering, State Department of Health, *Director of Conference on Water Supply and Purification.*

ASSOCIATE PROFESSORS

EDGAR LEWIS ANDREWS, M. S. AGR., *Associate Professor of Poultry Husbandry.*

¶HOWARD BUSHNELL ALLEN, PH. D., *Associate Professor of Agricultural Education.*

LILY BELL SEFTON DEATRICK, PH. D., *Associate Professor of Chemistry.*

¶LELAND HART TAYLOR, SC. D., *Associate Professor of Zoology.*

¶LOUIS WATSON CHAPPELL,[2] A. M., *Associate Professor of English.*

LEON H. LEONIAN, PH. D., *Associate Professor of Plant Pathology.*

JOHN HARRISON RIETZ,[3] D. V. M., *Associate Professor of Veterinary Medicine.*

ANTHONY BERG, M. S., *Associate Professor of Plant Pathology.*

GEORGE RUSSELL CRISLER, PH. D., M. D., *Associate Professor of Physiology.*

JOSEPH LESTER HAYMAN, PH. C., M. S. PHAR., *Associate Professor of Pharmacognosy.*

WILLIAM HENRY PIERRE, PH. D., *Associate Professor of Agronomy.*

[1]Retired, July 1, 1931.
[2]On leave of absence, 1931-32.
[3]In cooperation with State Department of Agriculture.
¶Also member of 1932 Summer Session Staff.

ROY A. OLNEY, PH. D., *Associate Professor of Agricultural Education.*

DICKSON WARD PARSONS, PH. D., *Associate Professor of Agricultural Education.*

¶JEFFERSON BARNES FORDHAM, J. S. D., *Associate Professor of Law.*

WALLACE CARLTON MURPHY,[1] PH. D., *Associate Professor of Political Science.*

¶CHARLES MITRANI, PH. D., *Associate Professor of Romance Languages.*

¶ORPHA REX FORD, M. A., *Associate Professor of Physics.*

¶ARMAND RENE COLLETT, PH. D., *Associate Professor of Chemistry.*

¶CLARENCE EUGENE GARLAND, PH. D., *Associate Professor of Chemistry.*

¶CHRISTOPHER GEORGE BROUZAS, PH. D., *Associate Professor of Latin and Greek.*

¶JOHN DONALD BARNHART, PH. D., *Associate Professor of History.*

¶FRED MANNING SMITH, PH. D., *Associate Professor of English.*

¶WILBERT HERSMAN MCGAW, B. S., M. D., *Associate Professor of Anatomy.*

LLOYD MASSENA THURSTON, PH. D., *Associate Professor of Dairy Husbandry.*

THOMAS CLIFFORD BILLIG, J. S. D., *Associate Professor of Law.*

ASSISTANT PROFESSORS

GEORGE WALTER GROW, B. S. M. E., M. S., *Assistant Professor of Drawing and Machine Design.*

CHARLES VINYARD WILSON, M. S., *Assistant Professor of Animal Husbandry.*

KYLE CHESTER WESTOVER, M. S. AGR., *Assistant Professor of Horticulture.*

BENNETT SEXTON WHITE, B. S. M. E., *Assistant Professor of Drawing and Machine Design.*

CARL HENRY CATHER, M. S., *Assistant Professor of Mechanics.*

¶JACOB SAPOSNEKOW, M. A., *Assistant Professor of Sociology.*

NELL NESBITT, A. M., *Assistant Professor of Home Economics.*

¶JEAN ELNORA RICHMOND, M. A., *Assistant Professor of Home Economics and Education.*

RUTH DOUGLAS NOER, M. S., *Assistant Professor of Home Economics.*

[1]On leave of absence, 1931-32.
¶Also member of 1932 Summer Session Staff.

¶ROY EZEKIEL NELSON, M. S. C. E., M. S. HIGHWAY ENG'G., *Assistant Professor of Railway and Highway Engineering.*

¶WILLIAM ANDERSON STAAB, E. M., *Assistant Professor of Mining Engineering.*

¶WALTER WADEPUHL, PH. D., *Assistant Professor of German.*

¶LYDIA IRENE HINKEL, MUS. B., *Assistant Professor of Music.*

¶GRACE MARGARET GRIFFIN, A. M., *Assistant Professor of Physical Education.*

JOHN HARWOOD LONGWELL, A. M., *Assistant Professor of Animal Husbandry.*

STERLING EUGENE WHITESIDES, JR.,[1] FIRST LIEUTENANT, INFANTRY, U. S. ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

GEORGE HENRY COLEBANK, M. A., *Assistant Professor of Education.*

PASCHAL NEILSON STRONG, JR.,[2] C. E., FIRST LIEUTENANT, CORPS OF ENGINEERS, U. S. ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

¶CHARLES LESTER LAZZELL, PH. D., *Assistant Professor of Chemistry.*

BETH MAE PALMER, M. S., *Assistant Professor of Home Economics.*

¶HARRY MARION FRIDLEY, PH. D., *Assistant Professor of Geology.*

WALTER WARDLAW ARMENTROUT, PH. D., *Assistant Professor of Farm Economics.*

¶MAX MANLEY HOOVER,[3] M. S., *Assistant Professor of Agronomy.*

¶JOHN REGINALD CRESSWELL, PH. D., *Assistant Professor of Philosophy.*

¶CARL MAYNARD FRASURE, PH. D., *Assistant Professor of Political Science.*

¶JAMES FRED MCGREW,[4] M. A., *Acting Assistant Professor of Public Speaking.*

JAMES H. C. MARTENS, PH. D., *Assistant Professor of Geology.*

¶HANNIBAL ALBERT DAVIS, PH. D., *Assistant Professor of Mathematics.*

¶CHARLES HENRY VEHSE, PH. D., *Assistant Professor of Mathematics.*

FERRIS DEWEY CORNELL, JR., M. S., *Assistant Professor of Farm Mechanics.*

VIVIAN STONE,[4] M. A., *Assistant Professor of Home Economics.*

[1]Returned to United States Army service, February 2, 1932.
[2]Will return to service with troops, June, 1932.
[3]On leave of absence, March 1 to June 15, 1932.
[4]Resigned, June 30, 1931.
¶Also member of 1932 Summer Session Staff.

¶ROBERT CLARK,[1] A. M., *Assistant Professor of Education.*

EDWARD FORSTALL ADAMS, FIRST LIEUTENANT, INFANTRY, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

KENNETH F. HANST,[2] CAPTAIN, INFANTRY, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

¶LLOYD MEREDITH JONES, A. M., *Assistant Professor of Physical Education and Director of Service Program for Men.*

¶HARRY LAWRENCE SAMUEL, M. S. in Public Health, *Assistant Professor of Physical Education and Director of Intramural Athletics.*

STEPHEN C. WHIPPLE, B. S., CAPTAIN, CORPS OF ENGINEERS, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

HELEN STERRETT JONES,[3] B. S., *Assistant Professor of Home Economics.*

¶VOLNEY W. SHEPARD, A. B., *Assistant Professor of Music.*

DAVID FARQUHAR CAVERS,[4] B. S. ECON., LL. B., *Assistant Professor of Law.*

IVA IRENE SELL, M. S., *Assistant Professor of Home Economics and Education.*

¶GEORGE ANDERSON SHIPMAN, PH. D., *Assistant Professor of Political Science.*

GEORGE GORDON POHLMAN, PH. D., *Assistant Professor of Agronomy.*

¶MAURICE COFFYN HOLMES, SC. D., *Assistant Professor of Physics.*

GEORGE AUGUSTUS BOWLING, M. S., *Assistant Professor of Dairy Husbandry.*

A. EARLE NEALE, *Assistant Professor of Athletics.*

IRA ERRETT RODGERS, A. B., *Assistant Professor of Athletics.*

KENNETH WOOD, *Assistant Professor of Music.*

FLORA RAY HAYES,[5] A. B., *Assistant Professor of Music.*

FRANK EDWARD HORACK, JR., S. J. D., *Assistant Professor of Law.*

¶HENRY AUGUSTUS HOLDEN PRAY, PH. D., *Assistant Professor of Chemistry.*

¶JOHN ARTHUR GIBSON, JR., PH. D., *Assistant Professor of Chemistry.*

ARNOLD WALDEMAR JOHNSON, M. B. A., *Assistant Professor of Accounting.*

[1]On leave of absence, 1931-32.
[2]Returned to United States Service, with troops, September 1, 1931.
[3]Resigned, August 1, 1931.
[4]Resigned, June 30, 1931.
[5]Resigned, effective June 30, 1932.

¶STEPHEN FULLER CROCKER, A. M., *Assistant Professor of English.*

ROBERT LEROY NESBIT, CAPTAIN, INFANTRY, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

ARTHUR NEWELL SMITH, A. B., *Assistant Professor of Athletics.*

STEPHEK HARRICK, A. B., *Assistant Professor of Athletics.*

WILLARD L. SMITH,[1] CAPTAIN, INFANTRY, UNITED STATES ARMY (D. O. L.), *Assistant Professor of Military Science and Tactics.*

INSTRUCTORS

SUSAN MAXWELL MOORE, A. B., *Instructor Emeritus in Piano.*

GRACE MARTIN-SNEE, B. M., *Instructor in Piano and Pipe Organ.*

¶RUFUS ASA WEST, *Instructor in Metal-working.*

¶RAYMER EGBERT SEAMAN, *Instructor in Woodworking and Foundry Practice.*

¶CLARA LYTLE, M. A., *Instructor in English.*

ELIZABETH FROST REED, A. M., *Instructor in English.*

HAROLD MALCOLM CATHER, M. S. M. E., *Instructor in Drawing and Machine Design.*

¶WILLIAM JOHN CARL, *Instructor in Foundry Practice.*

CHARLES MCCHESNEY BRAY, B. S., M. D., *Instructor in Physical Diagnosis.*

¶NELLIE PERREL AMMONS, A. M., *Instructor in Botany.*

¶WILLIAM OLIVER GNAGEY, *Instructor in Machine Shop Practice.*

GREEK SAYRE, A. M., *Instructor in English.*

MARGARET ELIZABETH BUTMAN, *Instructor in Piano.*

¶MARTHA THEODA FULTON, A. M., *Instructor in How to Study and Student Counselor.*

HELEN PURINTON PETTIGREW, A. M., *Instructor in English.*

LEE LEONARD AMIDON, M. S. M. E., *Instructor in Power Engineering.*

GEORGE RALPH MAXWELL, B. S., M. D., *Instructor in Physical Diagnosis.*

¶RUTH JEAN SIMONSON, A. B., *Instructor in Public Speaking.*

NADINE PAGE, M. A., *Instructor in English.*

¶EVALYN SPURGEON DIXON, PH. D., *Instructor in History.*

CAROLINE LEWIS SHANKS,[2] PH. D., *Instructor in History.*

[1]Detailed for duty at the University, January 16, 1932.
[2]On leave of absence second semester, 1931-32.
¶Also member of 1932 Summer Session Staff.

¶ROBERT RUSSELL ASHBURN, A. M., *Instructor in French and Spanish.*

LYDIA ROESCH, PH. D., *Instructor in German.*

EDWIN CHANNING JONES, M. S. E. E., *Instructor in Electrical Engineering.*

¶MINERVA LAWSON SIBBALD, B. MUS., *Instructor in Public School Music.*

JENNINGS BRYAN TAYLOR, M. S., *Instructor in Anatomy.*

CECIL BENJAMIN PRIDE, A. B., M. D., *Instructor in Principles and Practice of Surgery.*

ERNEST THOMAS WIGHTMAN, M. S. AGR., *Instructor in Poultry Husbandry.*

SIDNEY BAKER MAYNARD, M. A., *Instructor in Spanish.*

¶HUBERT COLEMAN HOWARD, M. A., *Instructor in English.*

WARREN FRANCIS MANNING, A. M., *Instructor in French.*

FREDERICK LINCK GEILER, B. SC. PHAR., *Instructor in Pharmacy.*

¶JOSEPH ALPHONSO JAMES, M. A., *Instructor in French.*

CLYDE BERNARD JENNI, M. S. CH. E., *Instructor in Chemical Engineering.*

CHARLES GAUGER, A. B., *Instructor in Economics.*

¶BEATRICE HURST, M. A., *Instructor in Physical Education.*

¶BEATRICE THOMAS, B. S., *Instructor in Physical Education.*

¶IRA ODELL MYERS, M. S., *Instructor in Physics.*

MONTELLE DIETRICH, M. S., *Instructor in Home Economics.*

MELVIN BUTLER HOFFMAN,[1] M. S., *Instructor in Horticulture.*

¶CARTER RICHARD BISHOP, A. M., *Instructor in English.*

GERALD JENNY, M. S., *Instructor in Agricultural Journalism.*

¶MARJA STEADMAN FEAR, A. M., *Instructor in Public Speaking.*

ARTHUR PINGREE DYE, M. S. AGR., *Instructor in Horticulture.*

¶HAROLD FREEMAN ARCHIBALD, M. A., *Instructor in Mathematics.*

LIVINGSTON HUNTER CHAMBERS, M. A., *Instructor in Mathematics.*

LLOYD RAYMOND GRIBBLE, M. S., *Instructor in Zoology.*

¶THOMAS EDSON ENNIS, M. A., *Instructor in History.*

CARL CHRISTIAN LIENAU, B. S. E. E., *Instructor in Electrical Engineering.*

[1]Resigned, September 15, 1931.
¶Also member of 1932 Summer Session Staff.

¶ARTHUR COOK MCBRIDE, B. A., *Instructor in French.*

¶PAUL HOLLAND PRICE, PH. D., *Instructor in Geology.*

DANA WELLS, M. A., *Instructor in Geology.*

MICHAEL ALPHONSE RAFFERTY, PH. C., *Instructor in Biochemistry.*

AGNES WYNNE MCCALL, B. S., *Instructor in Physical Education.*

CHARLES OLIVER MOODY, B. S., M. D., *Instructor in Pathology and Bacteriology.*

LUCY BELTZHOOVER-DILLE, B. MUS., *Instructor in Voice.*

EARL NOEL MCCUBBIN, M. A. AGR., *Instructor in Horticulture.*

¶WILLIAM HENRY CHILDS, M. S., *Instructor in Horticulture.*

¶MAYME ELIZABETH WADDELL, B. S., *Instructor in Home Economics and Dietitian.*

¶RUTH BRADEN, M. A., *Instructor in Home Economics.*

¶RUSSELL WALTER CLINE, M. S., *Instructor in Agricultural Education.*

HUGH WILLIAM HETHERINGTON, A. M., *Instructor in English.*

¶JAMES B. LOWTHER, M. A., *Instructor in Public Speaking.*

CHARLES DANSER THOMAS, M. S., *Instructor in Physics.*

WARD MCCLINTIC SHARP, M. S., *Instructor in Botany.*

GEORGE RAYMOND RINEHART, A. B., *Part Time Instructor in Journalism.*

CLARENCE E. ROTH,[1] M. A., *Instructor in History.*

MAURICE ROPP DODD, A. B., *Part Time Instructor in Education.*

LECTURERS

ROBERT TUCKER DONLEY, A. B., LL. B., *Lecturer in Law.*

¶ROBERT D. BALDWIN,[2] PH. D., *Lecturer in Education.*

VERNON FRANK PARRY, M. S., *Lecturer in Industrial Science.*

FRED ARTHUR DAVIS, B. S. C. E., *Special Lecturer in Highway Engineering.*

ASSISTANTS

WALTER ALEXANDER MESTREZAT, *Assistant in Music.*

¶HERMAN DELOSS STILLMAN, *Assistant in Woodworking.*

HARLEY LEROY DEARBORN, STAFF SERGEANT, U. S. ARMY (D. E. M. L.), *Assistant to the Professor of Military Science and Tactics.*

[1]Appointment effective February 15, 1932.
[2]Resigned, September 1, 1931.
¶Also member of 1932 Summer Session Staff.

HENRY THOMAS SCHULTZ, STAFF SERGEANT, CORP OF ENGINEERS, U. S. ARMY (D. E. M. L.), *Assistant to the Professor of Military Science and Tactics.*

ELLA LOUISE BOGGESS, B. S., *Assistant in Home Economics.*

IRA J. DUNCAN, B. S. A., *Assistant in Agricultural Chemistry.*

HELEN CAROLINE CURTIS, B. S. H. E., *Assistant in Home Economics.*

¶ZOLA SHIREY, B. S., *Assistant in Home Economics and Assistant Dietitian.*

DENNIS HARDESTY ROBINSON, B. S., *Assistant in Physiology.*

KARL LANE VAN HORN, A. B., B. S., *Assistant in Pathology and Bacteriology.*

RUPERT WENDELL POWELL, A. B., B. S., *Assistant in Pharmacology and Biochemistry.*

WILLIAM A. THORNHILL, A. B., B. S., *Assistant in Pathology and Biochemistry.*

RALPH EDWARD TALBOTT, A. B., *Assistant in Anatomy and Histology.*

THELMA LOVETT, B. S., A. M., *Assistant in Anatomy and Histology.*

FRANCIS STADSVOLD, A. B., LL. B., *Assistant in Athletics.*

CHARLES CAMERON TALLMAN, LL. B., *Assistant in Athletics.*

WALTER EVERETT MAHAN, A. B., *Assistant in Athletics.*

JOSEPH E. YOUNG, SERGEANT, UNITED STATES ARMY (D. E. M. L.), *Assistant to Professor of Military Science and Tactics.*

ALVAH JOHN WASHINGTON HEADLEE, M. S., *Graduate Assistant in Chemistry.*

LANDIS SEAWELL BENNETT, B. S., *Graduate Assistant in Agronomy.*

ROBERT CARLAND CONN, A. B., *Graduate Assistant in Chemistry.*

ROBERT ROSS ROBINSON, JR., B. S. AGR., *Graduate Assistant in Agronomy.*

JAMES FREDERICK FERRY, A. B., *Graduate Assistant in Botany.*

WENDELL DAWLEY HENRY, B. S., *Graduate Assistant in Plant Pathology.*

KATHRYN HUFFMAN, A. B., *Graduate Assistant in Chemistry.*

CHRISTINE ARNOLD, A. B., *Graduate Assistant in Chemistry.*

GWENDOLEN GERTRUDE AUXIER, M. S., *Graduate Assistant in Zoology.*

¶Also member of 1932 Summer Session Staff.

ARCHIE DAVID STUART, B. S. AGR., *Graduate Assistant in Agronomy.*

HENRY WITHERS SPEIDEN, B. S. C. E., *Graduate Assistant in Civil Engineering.*

MARLIN LUTHER STEELY, B. S. CH. E., *Graduate Assistant in Chemical Engineering.*

ELTON W. BUSH, A. B., *Graduate Assistant in Physics.*

MARVIN HOWARD SNYDER, B. S., *Graduate Assistant in Agronomy.*

ISAIAH A. WILES, M. S., *Graduate Assistant in Zoology.*

JAMES LESTER HALL, A. B., *Graduate Assistant in Chemistry.*

JOHN LOVE BARNHART,[1] B. S., *Graduate Assistant in Dairy Husbandry.*

CARMON EDWARD TEAGUE, B. S., *Graduate Assistant in Dairy Husbandry.*

ALFRED REEVES STANLEY, A. B., *Graduate Assistant in Plant Pathology.*

JAMES ARTHUR BEALL, B. S., *Graduate Assistant in Animal Husbandry.*

ARNOLD LOUIS KELLER, B. S. AGR., *Graduate Assistant in Horticulture.*

CARMAN EWART IRVINE, A. B., *Graduate Assistant in Entomology.*

FRANCES LAZZELL, A. B., *Graduate Assistant in Chemistry.*

NEVA MAE PALMER, A. M., *Graduate Assistant in Chemistry.*

LORING RIDER WILLIAMS, B. S., *Graduate Assistant in Chemistry.*

GLEN SANFORD WATSON, M. S., *Graduate Assistant in Chemistry.*

REGINALD HORTON DOWNING, A. B., *Graduate Assistant in Mathematics.*

GERHARD OVREBO, A. B., *Graduate Assistant in Mathematics.*

JOSEPH K. STEWART, M. S., *Graduate Assistant in Mathematics.*

MARVIN LEWIS VEST, B. S., *Graduate Assistant in Mathematics.*

HOWARD GILMER ASHBURN, A. B., *Graduate Assistant in Chemistry.*

HARRY VIRGIL ASHBURN, A. B., *Graduate Assistant in Chemistry.*

CARL ARMOUR, A. B., *Graduate Assistant in Chemistry.*

H. WILLIAM LARGENT, A. B., SECOND LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

EDGAR RAY MINNICH, A. B., FIRST LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

FREDERICK FRASURE RILEY, A. B., SECOND LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

[1]Resigned, February 15, 1932.

LEONARD CARL SWING, B. S. CH. E., SECOND LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

LEE FREDERIC MALONE, A. B., SECOND LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

ROBERT COMPTON PATTERSON, A. B., SECOND LIEUTENANT, INFANTRY RESERVE, *Assistant in Military Science and Tactics.*

RESEARCH FELLOWS

JOSEPH MYERS ASHCROFT, M. S., *Burt Fellow in Agriculture.*

JOHN FRANK BARTLETT, A. M., *Burt Fellow in Chemistry.*

VIRGIL GREENE LILLY, A. M., *Jones Fellow in Chemistry.*

CHARLES SCOTT LYNCH, A. M., *Jones Fellow in Chemistry.*

CHARLES JACKSON POTTER, M. S. CH. E., *Jones Fellow in Chemical Engineering.*

CLARENCE EDWARD ROTH,[1] A. M., *Jones Fellow in History.*

BAILEY SLEETH, M. S. AGR., *Jones Fellow in Agriculture.*

WALTER HAMILTON WALKER, A. M., *Jones Fellow in Chemistry.*

CHARLES THOMAS HOLLAND, B. S. E. M., *Research Fellow in Coal Mining.*

LEONARD C. SWING, B. S., *Research Fellow in Chemical Engineering.*

WILLIAM D. MUSGROVE, B. S. CH. E., *Research Fellow in Chemical Engineering.*

EDMOND TEERINK ROETMAN, B. S., *Research Fellow in Sanitary Engineering.*

VISITING INSTRUCTORS IN THE SUMMER SESSION

ROBERT D. BALDWIN, PH. D., *Superintendent of Haskell Institute, Lawrence, Kansas.*

JOHN F. BELL, PH. D., *Professor of Economics, Temple University.*

EARL LEMLEY CORE, M. A., *Instructor in Botany.*

PAUL L. DAVIS, A. B., *Springton High School, Teacher of Mathematics, University High School.*

HARRY BAINBRIDGE GOUGH, A. M., *Professor of Public Speaking, Depauw University.*

ERNEST B. HARPER, PH. D., *Professor of Sociology, Kalamazoo College.*

JOHN D. HICKS, PH. D., *Professor of History, University of Nebraska.*

[1]Appointed Instructor in History for the second semester, 1931-32.

C. L. HUGHES, PH. D., *Assistant Professor of Education, University of California.*

PALMER O. JOHNSON, PH. D., *Assistant Professor of Education, University of Minnesota.*

THERESA DOWER JONES, M. S., *Assistant in Nursery School.*

ELIZABETH M. KOLETKA, A. M., *Huntington High School, Teacher of Social Studies, University High School.*

AUGUSTUS C. KREY, PH. D., *Professor of History, University of Minnesota.*

CHARLES E. LAUTERBACH, PH. D., *Professor of Education, West Virginia Wesleyan College.*

ROSS LUDWIG, B. S. PHYS. ED., *Dunbar High School, Assistant in Botany.*

JOHN M. MCGINNIS, PH. D., *Professor of Psychology, Hollins College.*

BROADUS MITCHELL, PH. D., *Associate Professor of Political Economy, Johns Hopkins University.*

CLAUDIUS MURCHISON, PH. D., *Professor of Economics, University of North Carolina.*

ADA PITSENBERGER, M. A., *Teacher of English, University High School.*

ORIN J. POWERS, PH. D., *Professor of Education, George Washington University.*

F. W. STAMM, M. A., *Assistant Professor of Economics and Business, University of Louisville.*

B. R. WEIMER, PH. D., *Professor of Zoology, Bethany College.*

HARRY GROVE WHEAT, PH. D., *Professor of Education, Marshall College.*

MILITARY STAFF

UNITED STATES ARMY OFFICERS

HARVEY HENRY FLETCHER,[1] MAJOR, INFANTRY (D. O. L.), *Commandant.*

STEPHEN CARSON WHIPPLE, B. S., CAPTAIN, CORPS OF ENGINEERS (D. O. L.).

WILLARD L. SMITH,[2] CAPTAIN, INFANTRY (D. O. L.).

ROBERT LEROY NESBIT, CAPTAIN, INFANTRY (D. O. L.).

STERLING EUGENE WHITESIDES,[3] FIRST LIEUTENANT, INFANTRY (D. O. L.).

[1]Will return to service with troops, June, 1932.
[2]Detailed for duty at the University, January 16, 1932.
[3]Returned to service with troops, February 2, 1932.

PASCHAL N. STRONG,[1] C. E., FIRST LIEUTENANT, CORPS OF ENGINEERS (D. O. L.).

EDWARD FORSTALL ADAMS, FIRST LIEUTENANT, INFANTRY (D. O. L.).

HENRY THOMAS SCHULTZ, FIRST SERGEANT (D. E. M. L.).

HARLEY LEROY DEARBORN, STAFF SERGEANT (D. E. M. L.).

JOSEPH E. YOUNG, SERGEANT (D. E. M. L.).

RESERVE CORPS OFFICERS

EDGAR RAY MINNICH, A. B., FIRST LIEUTENANT, INFANTRY.

ROBERT COMPTON PATTERSON, A. B., SECOND LIEUTENANT, INFANTRY.

JAMES HENRY BREWSTER, JR., SECOND LIEUTENANT, INFANTRY.

FREDERICK FRASURE RILEY, A. B., SECOND LIEUTENANT, INFANTRY.

ROBERT CHRISTY HILLIARD, SECOND LIEUTENANT, INFANTRY.

H. WILLIAM LARGENT, A. B., SECOND LIEUTENANT, INFANTRY.

EDWARD GALWAY RODGERS, SECOND LIEUTENANT, ENGINEER.

LEONARD CARL SWING, B. S. CH. E., SECOND LIEUTENANT (C. W. S.).

CHARLES SHIRCLIFFE HOULT, SECOND LIEUTENANT, INFANTRY.

JOHN MCLEAN ADKINS, SECOND LIEUTENANT, ENGINEER.

WILLIE G. MCMILLION, SECOND LIEUTENANT, ENGINEER.

EDWARD HARRISON HIGGS, SECOND LIEUTENANT, INFANTRY.

ADRIAN H. HALL, SECOND LIEUTENANT, ENGINEER.

JACK A. MILLARD, SECOND LIEUTENANT, ENGINEER.

LEE FREDERIC MALONE, A. B., SECOND LIEUTENANT, INFANTRY.

ATHLETIC STAFF

HARRY ADAMS STANSBURY, B. S., *Director of Athletics.*

LOWRY MCELVAINE STOOPS, A. B., *Assistant Director of Athletics.*

DAVID ALFRED CHRISTOPHER, A. M., *Office Manager.*

A. EARLE NEALE, *Assistant Professor of Athletics, and Head Coach.*

IRA ERRETT RODGERS, A. B., *Assistant Professor of Athletics, and Assistant Coach.*

ARTHUR NEWELL SMITH, A. B., *Assistant Professor of Athletics and Coach of Track Athletics.*

STEPHEN HARRICK, A. B., *Assistant Professor of Athletics and Coach of Wrestling.*

FRANCIS STADSVOLD, A. B., LL. B., *Assistant in Athletics and Coach of Basketball.*

CHARLES CAMERON TALLMAN, LL. B., *Assistant in Athletics and Coach of Freshman Football.*

WALTER EVERETT MAHAN, A. B., *Assistant in Athletics and Assistant Coach of Football.*

EDWARD VACHERESSE, *Coach of Boxing.*

CARTER L. DIFFEY, LL. B., *Assistant Coach of Freshman Football.*

UNIVERSITY HIGH SCHOOL STAFF

¶GEORGE HENRY COLEBANK, M. A., *Principal.*

¶SYLVIA SOUPART, A. M., *English.*

¶LUCY MAY COPLIN, PH. B., *Social Studies.*

¶MAY LANDSTREET WILT, M. A., *Mathematics.*

ERVIN DORSEY, M. S., *Agriculture.*

GEORGE HENRY HAND,[1] A. B., *Commerce.*

ELLA LOUISE BOGGESS, B. S., *Home Economics.*

LONA KATE MEREDITH, A. B., *Art.*

¶GEORGE ANDREW FEDERER, JR., M. A., *Science.*

¶EVERLY G. CALVERT, *Industrial Arts.*

¶CLARENCE YOUNG, A. B., *Social Studies.*

OREN LEWIS, A. C. A., *Commerce.*

WILLIAM EDWARD DOLE, *Athletic Coach.*

[1]Resigned, July 1, 1931.
¶Also member of 1932 Summer Session Staff.

LIBRARY STAFF

¶LONNA DENNIS ARNETT, PH. D., *Librarian.*

JENNIE DELAWDER BOUGHNER, A. B., *Reference Librarian.*

¶EVELYN PRATT HITE, A. B., *Cataloguer.*

ROSEMARIE HECHMER, B. S., *Cataloguer.*

ELEANOR EDDY KNUTTI, *Director, Package Library Service.*

ANDREW VALENTINE WILEY, A. B., *Order and Bindery Clerk.*

MARY LOUISE RICHARDSON, A. B., *Assistant Reference Librarian.*

MARGARET VIRGINIA REAY, A. B., *Assistant Cataloguer.*

BYRD LEA PICKENS, M. A., *Assistant Librarian in Charge of Reserve.*

BARBARA BIERER, A. B., *Assistant.*

FLORA BOYERS, *Assistant, Package Library Service.*

LENA MAY MATHEWS, *Librarian, College of Law.*

A. BATES BUTLER, A. B., *Assistant Librarian, College of Law.*

VIRGINIA GILMORE MADIGAN, B. S. H. E., *Assistant in Library.*

GEORGIA CHORPENING WADE, A. B., *Assistant in Library.*

MILDRED ELMA ARNETT, A. B., *Assistant in Library.*

FREDERICK WAYNE FORD, A. B., *Assistant in Library.*

MINING AND INDUSTRIAL EXTENSION STAFF

MINING EXTENSION

CHARLES ELMER LAWALL, E. M., M. S., *Director of Extension in the Industrial Sciences.*

¶DENNIS LEE MCELROY, B. S. E. M., M. S., *Assistant Director of Mining Extension.*

¶ANDREW H. SMITH, *Supervisor of Mine Foreman Training.*

¶JAMES STANLEY POUNDSTONE, *Instructor in Mining Extension.*

¶CLYDE GRAHAM STOUT, *Instructor in Mining Extension.*

¶HOBART WATSON, *Instructor in Mining Extension.*

¶WILLIAM BROWN TALBOTT, *Instructor in Mining Extension.*

¶WARREN RANGELEY ROBERTS, *Instructor in Mining Extension.*

¶WAYNE MCVEIGH DAVIS, *Instructor in Mining Extension.*

¶ALTON M. AYERS, *Instructor in Mining Extension.*

INDUSTRIAL EXTENSION

EDWARD SILVER MACLIN, B. S. ED., *Professor of Industrial Education.*

EDWIN CHANNING JONES, M. S. E. E., *Instructor in Electrical Engineering.*

¶Also member of 1932 Summer Session Staff.

THE WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION STAFF

*FRED DENTON FROMME, PH. D., *Director.*

†WILLIAM EARL RUMSEY, B. S. AGR.,[1] *State Entomologist.*

HORACE ATWOOD, M. S. AGR.,[2] *Poultry Husbandman.*

*LEONARD MARION PEAIRS, PH. D., *Entomologist.*

*EDWARD ALEXANDER LIVESAY, D. SC., *Animal Husbandman.*

‡RALPH JOHN GARBER, PH. D., *Agronomist.*

*ANDREW JACKSON DADISMAN, PH. D., *Farm Economist.*

*HARRY ORAM HENDERSON, PH. D., *Dairy Husbandman.*

*CLAYTON ROBERTS ORTON, PH. D., *Plant Pathologist.*

*HARRY EDWARD KNOWLTON, PH. D., *Horticulturist.*

*ROBERT BARCLAY DUSTMAN, PH. D., *Agricultural Chemist.*

*ANTHONY BERG, M. S., *Associate Plant Pathologist.*

*LEON H. LEONIAN, PH. D., *Associate Plant Pathologist.*

*JOHN HARRISON RIETZ, D. V. M.,[1] *Associate Veterinarian.*

*WILLIAM HENRY PIERRE, PH. D., *Associate Agronomist.*

FELIX JOHN SCHNEIDERHAN, M. S.,[3] *Associate Plant Pathologist.*

*LLOYD MASSENA THURSTON, PH. D., *Associate Dairy Husbandman.*

CHARLES EDWARD WEAKLEY, JR., M. A., *Assistant Chemist.*

*CHARLES VINYARD WILSON, M. S., *Assistant Animal Husbandman.*

*KYLE CHESTER WESTOVER, M. S., *Assistant Horticulturist.*

†EVERETT CLIFTON SHERWOOD, M. S.,[1] *Assistant Plant Pathologist.*

THEODORE CLINTON MCILVAINE,[4] PH. D.,[5] *Assistant Agronomist.*

THEODORIC BRYANT LEITH, M. S.,[1] *Assistant Chemist.*

LORENZ PETER HANSEN, PH. D.,[6] *Assistant Chemist.*

ROSS HOMAN TUCKWILLER, B. S. AGR.,[7] *Assistant Animal Husbandman.*

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*Member of staffs of Instruction and Experiment Station.
‡Member of staffs of Instruction, Experiment Station, and Extension.
†Member of staffs of Experiment Station and Extension.
[1]In cooperation with the State Department of Agriculture.
[2]Retired, June 30, 1931, as Professor Emeritus of Poultry Husbandry.
[3]In charge of University Experiment Farm, Kearneysville, West Virginia.
[4]In charge of Lakin Experiment Farm, Lakin, West Virginia.
[5]In cooperation with the United States Department of Agriculture.
[6]Resigned, July 1, 1931.
[7]In cooperation with the United States Department of Agriculture. P. O., Lewisburg, West Virginia.

HAZEL CRABILL CAMERON, M. A., *Research Specialist in Nutrition.*

*JOHN HARWOOD LONGWELL, A. M. AGR., *Assistant Animal Husbandman.*

*WALTER WARDLAW ARMENTROUT, PH. D., *Assistant Farm Economist.*

*FERRIS DEWEY CORNELL, JR., M. S., *Assistant Farm Mechanician.*

*MAX MANLEY HOOVER, M. S. AGR., *Assistant Agronomist.*

FRANK WALDO CRAIG, M. S.,[2] *Assistant Horticulturist.*

*GEORGE GORDON POHLMAN, PH. D., *Assistant Agronomist.*

†LEIF VERNER, M. S.,[4] *Assistant Horticulturist.*

EARL NEIL MOORE, D. V. M.,[1] *Assistant Veterinarian.*

*GEORGE AUGUSTUS BOWLING, M. S., *Assistant Dairy Husbandman.*

HOMER KING ROWLEY, M. S. AGR.,[1] *Seed Analyst.*

*MELVIN BUTLER HOFFMAN, M. S.,[3] *Assistant in Horticulture.*

THOMAS BAIRD CLARK, B. S. AGR., *Assistant in Poultry Research.*

*EARL NOEL MCCUBBIN, A. M. AGR., *Assistant in Horticulture.*

†ROLAND OTTO STELZER, M. S., *Assistant in Farm Economics.*

EDWIN GOULD, B. S. AGR.,[4] *Assistant in Entomology.*

CARLTON HENRY BRUCE, B. S.,[5] *Assistant in Farm Economics.*

RICHARD ATKINS ACKERMAN, M. S.,[6] *Assistant in Dairy Husbandry.*

*ARTHUR PINGREE DYE, M. S. AGR., *Assistant in Horticulture.*

IRA JERIAH DUNCAN, B. S., *Assistant in Agricultural Chemistry.*

AUDREY HOWARD VAN LANDINGHAM, M. S., *Assistant in Agricultural Chemistry.*

*WILLIAM HENRY CHILDS, M. S., *Assistant in Horticulture.*

*ALFRED REEVES STANLEY, B. S., *Graduate Assistant in Plant Pathology.*

*JOHN LOVE BARNHART,[7] B. S., *Graduate Assistant in Dairy Husbandry.*

*LANDIS SEAWELL BENNETT, B. S., *Graduate Assistant in Agronomy.*

*CARMON EDWARD TEAGUE, B. S., *Graduate Assistant in Dairy Husbandry.*

*Member of staffs of Instruction and Experiment Station.
‡Member of staffs of Instruction, Experiment Station, and Extension.
†Member of staffs of Experiment Station and Extension.
[1]In cooperation with the State Department of Agriculture.
[2]In cooperation with the State Department of Agriculture. P. O., Lakin, West Virginia.
[3]Resigned, September 15, 1931.
[4]In field service, P. O., Kearneysville, West Virginia.
[5]In field service, P. O., Martinsburg, West Virginia.
[6]In field service, P. O., Wardensville, West Virginia.
[7]Resigned, February 15, 1932.

*WENDELL DAWLEY HENRY, B. S., *Graduate Assistant in Plant Pathology.*

*ARCHIE DAVID STUART, B. S. AGR., *Graduate Assistant in Agronomy.*

*ARNOLD LOUIS KELLER, B. S. AGR., *Graduate Assistant in Horticulture.*

*JAMES ARTHUR BEALL, B. S., *Graduate Assistant in Animal Husbandry.*

MARVIN HOWARD SNYDER, B. S. AGR., *Graduate Assistant in Agronomy.*

ROBERT ROSS ROBINSON, B. S. AGR., *Graduate Assistant in Agronomy.*

*GERALD JENNY, M. S., *Agricultural Editor.*

*JOHN CHARLES JOHNSTON, *Chief Clerk.*

STAFF COMMITTEES

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STATION PUBLICATIONS: Mr. ORTON, Mr. HOOVER, and Mr. ARMENTROUT.

*Member of staffs of Instruction and Experiment Station.

WEST VIRGINIA UNIVERSITY AGRICULTURAL EXTENSION DIVISION STAFF

FRED DENTON FROMME, PH. D., *Dean of the College of Agriculture.*

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CHARLES HENRY HARTLEY, B. S. AGR.,[2] *Assistant Director.*

¶GERTRUDE HUMPHREYS, A. B.,[3] *State Agent.*

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RUSSELL HENDERSON GIST, B. S. AGR.,[3] *District Agent.*

H. RUTH MCINTIRE, B. S.,[3] *Acting State Girls' Club Agent.*

†WILLIAM EARL RUMSEY, B. S. AGR.,[1] *State Entomologist.*

‡RALPH JOHN GARBER, PH. D.,[3] *Agronomist.*

EUGENE PEYTON DEATRICK, PH. D.,[3] *Extension Agronomist, 4-H Club Work.*

DEE CRANE,[3] *Potato Specialist.*

BENJAMIN FRANKLIN CREECH, B. S. AGR.,[3] *Animal Husbandman.*

IRA BROOKS BOGGS,[3] *State Boys' Club Agent.*

RAY JEROME FRIANT, B. S.,[3] *Agronomy Specialist.*

EDWARD LEE SHAW, B. S. AGR., *Sheep Specialist.*

†EVERETT CLIFTON SHERWOOD, M. S.,[1] *Plant Disease and Insect Specialist.*

RALPH LEE MASON, B. S. AGR.,[3] *Poultry Specialist.*

JAMES VINCENT HOPKINS, M. S.,[3] *Dairy Specialist.*

THOMAS DAVIS GRAY, B. S. HORT.,[3] *Landscape Architect.*

THOMAS WESLEY SKUCE, B. S.,[3] *Forestry Specialist.*

CHARLES ELLSWORTH STOCKDALE, M. S. AGR.,[3] *Extension Economist.*

†ROLAND OTTO STELZER, M. S.,[3] *Farm Management Specialist.*

**ERNEST THOMAS WIGHTMAN, M. S. AGR., *Poultry Specialist.*

†LEIF VERNER, M. S.,[3] *Extension Horticulturist.*

**Member of staffs of Instruction and Extension.
†Member of staffs of Experiment Station and Extension.
‡Member of staffs of Instruction, Experiment Station, and Extension.
[1]In cooperation with the State Department of Agriculture.
[2]In cooperation with the United States Department of Agriculture, and State Department of Agriculture.
[3]In cooperation with the United States Department of Agriculture.
¶Also member of 1932 Summer Session Staff.

ELIZABETH MARGARET ECKHARDT, M. A., *Recreation Specialist.*

AARON HENRY RAPKING, B. D.,[3] *Rural Organization Specialist.*

WALTER CLINTON SCHNOPP, B. S. AGR.,[3] *Extension Publicity Specialist and Editor.*

JEANNETTA WEIL, *Chief Clerk in Charge of Clerks and Stenographers.*

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County	*Name*	*Residence*
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CALHOUN	HERMAN BOWERS	GRANTSVILLE.
DODDRIDGE	W. S. MILLER	WEST UNION.
GRANT	C. L. STICKLER	PETERSBURG.
GREENBRIER	F. L. MILES	LEWISBURG.
HAMPSHIRE	D. I. LAW	ROMNEY.
HANCOCK	W. C. GUMBEL	NEW CUMBERLAND.
HARDY	S. L. DODD	MOOREFIELD.
HARRISON	J. M. PIERPOINT	CLARKSBURG.
JEFFERSON	B. H. HOLDEN	CHARLES TOWN.
KANAWHA	T. Y. MCGOVRAN	CHARLESTON.
LEWIS	C. R. UNDERWOOD	WESTON.
LINCOLN-PUTNAM	B. A. HENSLEY	HAMLIN.
MARION	W. E. MCCOMAS	FAIRMONT.
MARSHALL	L. L. LOUGH	MOUNDSVILLE.
MASON	A. G. MIDDLETON	POINT PLEASANT.
MERCER	W. H. ROBERTS	PRINCETON.
MINERAL	J. E. PRETTYMAN	KEYSER.
MINGO	E. M. MCGLOTHLIN	WILLIAMSON.
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MORGAN	H. C. C. WILLEY	BERKELEY SPRINGS.
NICHOLAS	W. E. SIMPSON	SUMMERSVILLE.
OHIO	J. E. ROMINE	WHEELING.
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POCAHONTAS	C. P. DORSEY	MARLINTON.
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RALEIGH	E. D. CURRY	BECKLEY.
RANDOLPH	W. C. JESTER	ELKINS.
RITCHIE	H. R. RYMER	HARRISVILLE.
ROANE	H. L. RIGGLE	SPENCER.
SUMMERS	A. H. LOUGH	HINTON.

[3]In cooperation with the United States Department of Agriculture.

County	*Name*	*Residence*
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WAYNE	CLAUDE STROTHER	WAYNE.
WEBSTER	H. A. BURTON	COWEN.
WETZEL	REI DUPREY	NEW MARTINSVILLE.
WIRT	P. M. HESS	ELIZABETH.
WOOD	W. H. SILL	PARKERSBURG.

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BROOKE	GLADYS STEELE (Assistant)	WELLSBURG.
CABELL	ALICE I. PARKER	HUNTINGTON.
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HARDY	BESSIE CONKLYN (Assistant)	MOOREFIELD.
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MARSHALL	MAE ELLYSON	MOUNDSVILLE.
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MONONGALIA	MILDRED JONES	MORGANTOWN.
OHIO	ADELE BIGELOW	WHEELING.
RANDOLPH	ELEANOR BIGELOW	ELKINS.
RITCHIE	BEATRICE E. FOSTER	HARRISVILLE.
SOUTH BRANCH AREA	MARTHA BONAR	ROMNEY.
UPSHUR	ABBIE M. RUSSELL	BUCKHANNON.
WOOD	MAY PRICHARD	PARKERSBURG.

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OHIO	A. B. BROOKS	WHEELING.
WAYNE	VIRGINIA WILSON	WAYNE.
WOOD	ADELE HARPOLD	PARKERSBURG.

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ALUMNI MEMBERS:

Judge CHARLES G. BAKER, Morgantown, W. Va., (term expires June 30, 1933). Mr. FRED E. DEEM, Clarksburg, W. Va., (term expires June 30, 1932).

STUDENT MEMBERS:

JACOB SEBULSKY, '32, (term expires June 30, 1933). LEONARD HAWKINS, '32, (term expires June 30, 1932).

STANDING COMMITTEES

UNIVERSITY

ENTRANCE:

The Registrar and deans of the three colleges admitting Freshmen.

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Professors ARMSTRONG, SHORTRIDGE, and KAY, and President of Student Council.

PRIZES:

Professors STRAUSBAUGH, HARDMAN, and CHIDESTER, Associate Professor BARNHART, and Mr. FRIEND.

LIBRARY:

Dr. ARNETT, Professors R. C. COLWELL, JACOBSON, AMBLER, and JOHNSON.

WOMEN STUDENTS:

Dean NOER, Professors R. H. COLWELL, POLLOCK, and TURNER, and Assistant Professors GRIFFIN and HAYES.

UNIVERSITY PUBLICATIONS:

Professors JOHNSON, REED, HODGE, and DICKINSON, Mr. FRIEND, and Mr. SCHNOPP.

STUDENT PUBLICATIONS:

Professors REED, CHITWOOD, and SPANGLER.

SUMMER SESSION:

Director DADISMAN, Mr. FRIEND, Dean SHORTRIDGE, DEAN FROMME, and Dean HUDELSON.

MILITARY AND GYMNASIUM BOARD:

Major FLETCHER, Dean SIMPSON, and Director SCHOTT.

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STUDENT AND FRATERNITY STANDINGS:
Professors PEAIRS and REESE, and Dean NOER.

UNIVERSITY EXTENSION:
Deans FROMME and HUDELSON, Directors FRAME and LAWALL, and Mr. ASPINALL.

STUDENT ENGLISH:
Professors ARMSTRONG, BOOMSLITER, STRAUSBAUGH, DADISMAN, and PORTERFIELD *(Secretary)*.

BUILDING AND GROUNDS:
Professors GRUMBEIN and KNOWLTON, and Mr. BROOKS.

COLLEGE

CONCERTS AND RECITALS:
School of Music: Director BLACK and Assistant Professor WOOD.

ENGINEEERING CURRICULA:
College of Engineering and Mechanic Arts: Dean JONES, and Professors DAVIS, FORMAN, HAYES, HODGE, and MACLIN.

ENGINEERING SOCIETY:
College of Engineering and Mechanic Arts: Professors GRUMBEIN, FORMAN, BOOMSLITER, HAYES, and HODGE.

FARM OPERATIONS:
College of Agriculture: Professors DADISMAN, HENDERSON, GARBER, and KNOWLTON, Associate Professors ANDREWS and ALLEN, and Assistant Professor WILSON.

INTRAMURAL ATHLETICS:
Division of Physical Education: Assistant Professor SAMUEL, Professor SCHOTT, Assistant Professor JONES, Director STANSBURY, and Senior Managers.

LIBRARY:
College of Engineering and Mechanic Arts: Professors DAVIS and HAYES.
College of Agriculture and Agricultural Experiment Station: Professors ORTON and KNOWLTON, Associate Professors PIERRE, and THURSTON, and Miss CAMERON.

PLACEMENT AND RECOMMENDATION:
Division of Physical Education: Professor SCHOTT and Assistant Professor GRIFFIN.

SCHOLARSHIP:
College of Arts and Sciences: Professors WINTER, HARRIS, MORRIS, and SPIKER, *and* Assistant Professor SMITH.
College of Engineering and Mechanic Arts: Professors GRUMBEIN, HALL, and KOEHLER.

College of Agriculture: Professors DADISMAN and GARBER, and Assistant Professor NOER.

College of Education: Professors POLLOCK, BOHAN and STEMPLE.

School of Medicine: Professors BONAR, VANLIERE, DODDS, and MORRIS, and Mr. RAFFERTY.

School of Music: Assistant Professors SHEPARD and HINKEL.

Division of Physical Education: Assistant Professors JONES, SAMUEL, and GRIFFIN, and Miss HURST.

STUDENT COURSES AND HOURS:

College of Agriculture: Dean FROMME, Professors PEAIRS and COLWELL, and Assistant Professor LONGWELL.

Division of Physical Education: Professor SCHOTT and Assistant Professor GRIFFIN.

FRATERNITY ADVISERS

ALPHA GAMMA RHO	J. H. LONGWELL
ALPHA PHI DELTA	L. M. PEAIRS
ALPHA SIGMA PHI	H. L. SAMUEL
BETA THETA PI	A. M. REESE
DELTA KAPPA PSI[1]	J. R. CRESSWELL
DELTA TAU DELTA	C. M. FRASURE
KAPPA ALPHA	R. A. ARMSTRONG
KAPPA MU[1]	G. R. RINEHART
KAPPA SIGMA	A. J. DADISMAN
PHI ALPHA	P. D. STRAUSBAUGH
PHI DELTA THETA	R. C. COLWELL
PHI KAPPA PSI	E. H. VICKERS
PHI KAPPA SIGMA	C. T. NEFF
PHI KAPPA TAU	W. W. HODGE
PHI SIGMA DELTA	F. B. TROTTER
PHI SIGMA KAPPA	S. B. MAYNARD
PI KAPPA ALPHA	A. H. FORMAN
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PI LAMBDA PHI	J. F. SLY
SIGMA CHI	A. L. DARBY
SIGMA NU	T. P. HARDMAN
SIGMA PHI EPSILON	G. W. GROW
TAU KAPPA EPSILON	J. D. BARNHART
TAU EPSILON PHI	L. H. TAYLOR
THETA CHI	J. H. COX

INTER-FRATERNITY COUNCIL

SORORITY SUPERVISION

The University supervision of all sororities on the Campus is vested in the Committee on Women Students.[2]

[1]Local.

[2]For list of sororities, see page 110.

Part II
GENERAL INFORMATION

LOCATION

West Virginia University is located in Morgantown, the seat of Monongalia county, immediately south of the Mason-Dixon line where it forms the boundary line between southwestern Pennsylvania and northern West Virginia. The West Virginia-Maryland boundary also is only a few miles distant to the eastward.

A thriving city with 25,000 inhabitants in its trading area, Morgantown is situated in the center of an important agricultural, quarrying, oil and gas, and bituminous coal mining region. It is noted also for its manufacture of fine glassware.

Sixteen hours distant by rail from New York City and three hours from Pittsburgh, Morgantown may be reached from the east either through Grafton, W. Va., Pittsburgh or Connellsville, Pa., or M. & K. Junction, W. Va. It is served by four great railroads, the Baltimore and Ohio, the Pennsylvania, the Pittsburgh and Lake Erie (N. Y. C.), and the Western Maryland (B. & O. [freight only]).

Motorists can reach Morgantown from the National Pike through Uniontown or Washington, Pennsylvania, Wheeling, West Virginia, or Cumberland, Maryland, and from the Northwestern Turnpike (U. S. Route 50) through Oakland, Maryland, or Grafton, West Virginia.

Morgantown is connected with the great national network of motor bus lines through the White Star system, and enjoys hourly local service with other surrounding towns and cities.

Favored by its location 20 miles below the head of navigation on the Monongahela river, Morgantown has a wharf giving access to the nation's inland waterways system.

With an aeroplane landing field listed on the Federal government's official maps, Morgantown is a stopping-point on the Pittsburgh-Charleston passenger plane route. This service connects, on a regular schedule, with all transcontinental air lines that include Pittsburgh in their itineraries.

West Virginia University's campus comprises about 66 acres near the center of Morgantown, on high ground overlooking the river and much of the surrounding countryside. In the Campus are 16 substantial brick and stone buildings. A mile distant are the University farms, five in number, comprising in all, about 700 acres.

HISTORY

West Virginia University originated from the national Land Grant Act of June 2, 1862, and the subsequent action of the Legislature in accepting and carrying out the provisions of the Act. On January 9, 1866, the board of trustees of the Monongalia Academy at Morgantown tendered to the Legislature, for the use of the contemplated State or land grant college, all its property, including Woodburn Female Seminary, on condition that the college should be located at Morgantown. On January 30, 1867, the Legislature accepted the property and on February 7 passed an act permanently establishing "The Agricultural College of West Virginia" and authorizing the Governor to appoint 11 suitable persons as a Board of Visitors.

The Visitors held the first meeting on April 3, 1867, at which time they appointed Dr. Alexander Martin president, and established collegiate, scientific, and agricultural departments of instruction. Military training was introduced at this time under the provisions of the Morrill Act.

By an act of December 4, 1868, the name of the College was changed to "West Virginia University" and the "Board of Visitors" to the "Board of Regents." July 1, 1919, the "Board of Regents" was merged in the "State Board of Education." By an act passed April 14, 1927, the control of the University was vested in a "Board of Governors."

Following the establishment of the University, expansion was rapid. The College of Law was added in 1878; the College of Engineering and Mechanic Arts in 1887; the Agricultural Experiment Station in 1888; the College of Agriculture and the School of Music in 1897; and the School of Medicine in 1902.

With the opening of the new century, two decades of consistent growth were entered upon. The Department of Pharmacy was added to the School of Medicine in 1914; the Division of Agricultural Extension was organized in 1912; and Liberal Arts extension centers were established as early as 1916.

In 1917, an extensive building program was inaugurated, which, while yet in progress, has added eight major units to the Campus. The Engineering Experiment Station was organized in 1921, and the School of Mines in 1926. In 1927 the work in Education, hitherto administered in a department of the College of Arts and Sciences, was transferred to the newly created College of Education.

Paralleling this development, faculties were methodically strengthened, curricular adjustments steadily undertaken, and foundations laid for social, industrial, and scientific research agencies as bases for still broader fields of service. The complete movement culminated in the order of the Board of Governors of January, 1930, providing for the establishment of a Graduate School looking beyond the degrees of Master of Arts and Master of Science, which the University had steadily conferred for half

a century, to the more advanced curricula leading to the degrees of Doctor of Education and Doctor of Philosophy.

The University has had 10 regular presidents: Alexander Martin, 1867-1875; John W. Scott (acting), 1875-1877; John Rhey Thompson, 1877-1881; Daniel Boardman Purinton (acting), 1881-1882; William L. Wilson, 1882-1883; Robert C. Berkeley (Chairman of the Faculty), 1883-1885; Eli Marsh Turner, 1885-1893; Powell Benton Reynolds (acting), 1893-1895; James L. Goodnight, 1893-1897; Jerome Hall Raymond, 1897-1901; Daniel Boardman Purinton, 1901-1911; Thomas Edward Hodges, 1911-1914; Frank Butler Trotter (acting), 1914-1916; 1916-1928; John Roscoe Turner, 1928.

GOVERNMENT AND ORGANIZATION

The financial and business affairs of the University, as well as of all other State institutions, are directed by the State Board of Control. This Board is composed of three members, all of whom are appointed by the Governor, who also designates one member to be the Board's president.

The academic control of the University is vested in the Board of Governors. The Board is bi-partisan and consists of seven members who are appointed by the Governor for a term of four years.

The University year is divided into two semesters of 18 weeks each, and a summer session of two terms of approximately six weeks each.

The organization of the University, together with the dates of the establishment of the various colleges, etc., follows:

Colleges:
- College of Arts and Sciences, 1867
- College of Law, 1878
- College of Engineering and Mechanic Arts, 1887
- College of Agriculture, 1897
- College of Education, 1927

Schools:
- School of Music, 1897
- School of Medicine:
  - Courses in Medicine, 1902
  - Courses in Pharmacy, 1914
- School of Mines, 1926
- Graduate School, 1930

Divisions:
- Division of Military Science and Tactics, 1867
- Division of Physical Education, 1928

Experiment Stations and Research Bureaus:
- Agricultural Experiment Station, 1888
- Engineering Experiment Station, 1921
- Bureau for Government Research, 1931

Extension Service:
Agricultural Extension, 1912
Liberal Arts Extension, 1916
Extension in Education, 1916
Mining and Industrial Extension, 1914

The College of Arts and Sciences, the College of Engineering and Mechanic Arts, the College of Agriculture, the School of Mines, the Division of Physical Education, and the Department of Pharmacy of the School of Medicine are all degree-granting units admitting freshmen. The College of Law, the College of Education, and the School of Medicine (Courses in Medicine) are degree-granting professional colleges and schools requiring from two to three years of academic training as a foundation for the professional work. All graduate instruction is administered by the Graduate School.

COLLEGE OF ARTS AND SCIENCES

The University, through its liberal arts college, offers that academic training which is so essential today as a foundation for good citizenship, enlightened leadership, and effective professional or technical training. It puts thoroughness above breadth of offerings. It provides a curriculum rigid enough to conserve the best in the cultural subjects, yet elastic enough to meet the varying talents and aptitudes of individual students.

Present-day standards in business, industry, or the professions are becoming more and more exacting. Increasing emphasis is being placed upon a liberal education as a foundation for technical or professional work. As a consequence, the paths to the professions lead through this college. Pre-professional curricula have been arranged in law (three years), education (two years), medicine (two, three, or four years), and dentistry (two or three years).

The instruction in the College of Arts and Sciences is administered through the following departments: botany; chemistry; classics; economics, business administration, and sociology; English language and literature; geology, mineralogy, and geography; Germanic languages and literatures; history; home economics; journalism; library science; mathematics; philosophy and psychology; physics; political science; public speaking; Romance languages and literatures; and zoology.

The College of Arts and Sciences is organized into a lower division and an upper division. The lower division comprises the work of the first and second years, and the upper division the work of the third and fourth years. This organization became effective July 1, 1930, but students who entered this College prior to that date may either meet the requirements of the new plan or meet the former rquirements.

The work of the lower division is intended to complete what is usually termed "a general education." It rounds out the program of study pursued in the secondary school. It is based on the belief that the

student should become familiar with different fields of knowledge to the end that he may select wisely the field for specialization. A student's lower division work should include studies in English, at least one foreign language, natural science, and the social sciences, so that by the close of his second year he will have gained a general acquaintance with various fields of knowledge.

Students who meet all of the requirements of the lo- will, upon application, be awarded the Junior Certificate of t' Arts and Sciences. This certificate, or equivalent, is req- mission to the upper division.

In the upper division, the work is based on the belief that an educated man or woman should not only know the fundamentals of several branches of study but should have a rather thorough knowledge of some selected field. In the upper division, therefore, the student concentrates on a major and one or two minor subjects selected from the following list of subjects: English, public speaking, journalism, classics, German, French, Spanish, political science, history, economics, sociology, philosophy, psychology, physics, chemistry, mathematics, botany, zoology, entomology, geology, and home economics.

Two baccalaureate degrees are granted in this College: Bachelor of Arts (A. B.) and Bachelor of Science (B. S.). The Bachelor of Arts degree is conferred upon those who pursue the four years of academic work in this College; or, upon those who pursue three years of work in this College and one year of work in either the College of Law or the School of Medicine.[1]

The Bachelor of Science degree is conferred upon those who pursue the curriculum in public health in this College; or, upon those who pursue the combined scientific and medical courses.[1]

As a part of the University Extension Service, the College of Arts and Sciences, since the year 1916, has conducted extension courses at several centers in various parts of the State, corresponding in every particular, as to class requirements and credits, with courses offered on the Campus.

BUREAU FOR GOVERNMENT RESEARCH

The Bureau for Government Research, established in the University in 1931, is an impartial, fact-finding, continuous organization, concerned with applying the principles of political science to modern problems of government:

> First, by gathering as complete a collection as possible of state and local documents, books, magazines, pamphlets, learned periodicals, and bibliographical guides pertaining to all phases of state and local government and administration.
>
> Second, by supplying information to all interested citizens and public officers upon technical questions pertaining to the

[1]See page 87 "Classification of Students."

public service, and by encouraging research in the fundamental and permanent problems of West Virginia government and politics.

Third, by placing the services of the Bureau at the disposal of any legislative committee, interim commission, or administrative officer to gather factual material on any problem within the scope of the Bureau's activities.

This Bureau, an integral part of the Department of Political Science, operates through a director, an advisory committee, and a small group of research associates. The facilities of the Bureau are at the disposal of graduate students and research workers who may desire to conduct investigations within these fields.

During the past year the Bureau has been engaged in a study of the cost of criminal justice in West Virginia, in an examination of problems of county government, and in the establishment of an ordinance revision service for the incorporated municipalities of the State. It prepares and issues a *Public Affairs Bulletin* dealing with significant movements of West Virginia and maintains contact with municipal research bureaus and leagues of municipalities throughout the United States and Canada.

THE COLLEGE OF LAW

The College of Law, established in 1878, is the oldest professional school in the University. A large part of the bench and bar of West Virginia have been enrolled among its students. Its course of instruction for the degree of Bachelor of Laws, originally requiring but one and later two years of law study, was, in 1912, fixed at three years. In 1913 a requirement of one year of college work for admission was added. In September, 1924, a requirement of two years of college work for admission became effective. In the fall of 1931 a requirement of three years of college work became effective.

The purpose of the instruction given in the College of Law is to train the student thoroughly in the principles and procedure of the common law with particular reference to their application or modification by decision and statute in West Virginia. In 1914 the College of Law was admitted to membership in the Association of American Law Schools. This is an association of the leading law schools of the United States organized for the purpose of establishing and maintaining high standards in legal education.

Graduates of the College of Law are admitted without further examination to the practice of law in West Virginia.

COLLEGE OF ENGINEERING AND MECHANIC ARTS

For the purpose of administration and instruction, the College of Engineering and Mechanic Arts is organized into the following departments or groups of departments:

The Department of Chemical Enginering; the Department of Electrical Engineering; the mechanical engineering group, comprising

the Department of Drawing, Machine Design, Machine Construction, and Industrial Engineering, and the Department of Power Engineering; the Department of Mechanics; the civil engineering group, comprising the Department of Highway Engineering and Surveying, and the Department of Structural, Hydraulic and Sanitary Engineering; and the Department of Industrial Education.

The object of the four-year course in chemical engineering is to qualify students to design, build, and manage manufacturing plants, in which the products of manufacture are based on chemical processes, and to fit them for professional employment as industrial chemists and chemical engineers.

The course in civil engineering has been planned so that the student will get a substantial foundation for the work of the civil engineer. Emphasis is placed on the subjects underlying the science of engineering, such as physics, mathematics, etc. These subjects are presented to the engineering students, not as an end in themselves, but as a means for the solution of engineering problems. The professional subjects are taught by means of recitations, lectures, drawing-room work, laboratory work, and field work.

The course in electrical engineering is intended to give the student that theoretical and practical instruction which will enable him to obtain a basic knowledge of the application of electricity.

The aim of the course in mechanical engineering is to give the student such mental equipment as will enable him to deal most effectively, both technically and commercially, with general mechanical engineering problems. All possible practice is given in the work that an engineer is ordinarily called upon to do, but greater stress is laid on a thorough knowledge of those underlying principles and methods which are the foundation of all engineering professions. To this is added a study of those economic subjects which are essential to a thorough understanding of sound business methods.

The object of the Department of Industrial Education is to prepare men and women to teach vocational industrial subjects in secondary schools, vocational schools, night schools, part-time schools, and schools in industrial plants, and to supervise work in connection with the administration of the State and Federal vocational education statutes.

ENGINEERING EXPERIMENT STATION

The chief functions of the Engineering Experiment Station are the encouragement and prosecution of research and investigations that will enhance the industrial and economic welfare of the people of West Virginia and the stimulation and training of graduate students in research activities. The research undertaken by the Station is primarily concerned therefore with investigations in the production, processing, and utilization of the natural resources of West Virginia; investigations that will aid the existing industries of the State and promote the development of new in-

dustries; and investigations that will aid in the planning, design, and development of the public works of the State. As a consequence of this program, the subjects receiving particular attention by the staff of the Station are coal, oil, gas, clays, stone, sand, timber, water power, sewerage, sanitation, and road building.

The facilities of the Station include all the facilities for research of the Industrial Science Division of the Graduate School. In addition, through cooperation with the other divisions, additional facilities in related fields are made available. The staff of the Station is composed of the members of the staff of instruction of the Industrial Science Division engaged in the prosecution of Station projects, and also research fellows and graduate students who are pursuing investigations in connection with the program of the Station.

The Station will assist in compiling surveys and in conducting investigations of the industrial requirements and possibilities of any region or community in the State. It cooperates with the West Virginia University Bureau for Government Research, the Agricultural Experiment Station, the State Road Commission, the State Geological Survey, the State Department of Health, the School of Mines, the national engineering societies, and state or national agencies whose assistance may promote the more effective fulfillment of the Station's functions.

To aid industrial organizations in this State that lack facilities and personnel to undertake important research and investigations which arise in the development of their operations, the Station stands ready, where time and facilities permit, to assist in the prosecution of investigations on their fundamental problems. Such services are free, but any special equipment, materials, or labor that may be needed must be supplied by the organization for which the work is done.

The results of the studies, surveys, investigations, and research of the Experiment Station are published in bulletin form and may be obtained upon application to the Director of the Station.

THE COLLEGE OF AGRICULTURE

All the agricultural and home economics work of the University is organized in the College of Agriculture. For the purpose of administration, the College is divided into four branches: the Agricultural Experiment Station, organized for research and experimental work; resident instruction in agriculture; resident instruction in home economics; and extension work in agriculture, home economics, and boys' and girls' club work, given by the Division of Agricultural Extension to citizens of the State who are not in residence at the College. The work of the four divisions is closely interrelated. Although some members of the staff devote full time to either college instruction, research, or extension work, many others divide their time among two divisions.

INSTRUCTION IN AGRICULTURE

The training offered in agriculture is directed to fit the student for farm life or for the professional and business fields. Graduates may engage in farming as managers or as farm owners, in the teaching of agriculture in high schools or colleges, in extension work as county agents or specialists, or in research work in experiment stations or in other organizations. They may engage in business related to farming such as dairy manufactures, meat processing, seeds and nursery stock, feeds and fertilizers, or in the rapidly expanding field of marketing.

The curriculum leading to the degree of Bachelor of Science in Agriculture is designed to provide a broad and well-grounded training in the general field of agriculture so that the graduate may be prepared for occupations requiring such general knowledge, and may have the necessary foundation for such specialization as he may elect to pursue.

All candidates for the degree will follow a uniform curriculum for the first two years, which includes courses in the sciences that are fundmental to agriculture, together with certain specified courses in agriculture. During the last two years, the student is permitted a choice of one of four curricula—agricultural economics, animal husbandry, plant industry, and teacher training. Certain basic courses in animal husbandry, dairy husbandry, and horticulture are required in each of these curricula.

For the use of the students, the following laboratories are maintained in the College: agricultural chemistry, animal husbandry, dairy husbandry, entomology, farm economics, farm shop work, horticulture, nutrition, plant pathology, poultry husbandry, and veterinary science.

INSTRUCTION IN HOME ECONOMICS

The course leading to the degree of Bachelor of Science in Home Economics is planned for women students and especially for those who wish to teach home economics in vocational schools and other institutions or who wish to learn the business of home keeping. The aim of the course is to give women such training as will best prepare them to assume their responsibilities as members of a household and a community. This training includes: (1) a knowledge of those sciences which are fundamental to an understanding of the principles of home economics; (2) technical courses in food and nutrition, the applied arts, clothing and textiles, health and child care, home management, and teacher training; (3) a general knowledge of the laws of production and consumption and social relationships obtained from courses in history and sociology; (4) an appreciation and intelligent use of English which is developed through courses in oral and written English and in study of English literature.

To provide for this training a curriculum is suggested. Sufficient electives are allowed to permit the student to qualify for vocational

home economics, or to take special courses in agriculture, or to select other courses in which she is interested.

The Department occupies two floors of the wing of Oglebay Hall. On the first floor are two large, well equipped food laboratories, a suite of rooms consisting of dining room, kitchen and reception room, a textile laboratory, a reading room, and the offices of the department. On the second floor are three laboratories equipped for work in clothing and applied arts. There is also on this floor a large recitation room.

A modernly equipped house near the University is used for a Home Management Laboratory.

WEST VIRGINIA AGRICULTURAL EXPERIMENT STATION

The Agricultural Experiment Station was established in the University by the Board of Regents in 1888 by authority of an act of Congress known as the Hatch Act. Further support was given by acts of Congress known as the Adams Act, approved June 30, 1906, and the Purnell Act, approved February 24, 1925. From appropriations made by Congress under the three acts, the Station derives an annual income of $90,000. Under the Purnell Act the work of the Station is enlarged to include research in farm economics, rural sociology, and certain phases of home economics which relate to nutrition and the use of foods. The work of the Station is supported also by State appropriations.

Investigations are being conducted by the Station in the fields of animal husbandry, dairy husbandry, poultry husbandry, field crops, horticulture, entomology, plant pathology, agricultural chemistry, soils, farm economics, farm mechanics, home economics, and veterinary science, the total number of investigations being classified into more than 70 research projects.

In addition to the five farms situated at Morgantown, described elsewhere in this bulletin,[1] branches of the Agricultural Experiment Station are maintained at Wardensville, Hardy county; Lakin, Mason county; and Kearneysville, Jefferson county.

Experimental work is also being carried on at Lewisburg, Hillsboro, and elsewhere throughout the State.

AGRICULTURAL EXTENSION

By act of the Legislature of 1913, amended in 1915, "in order to promote the improvement and advancement of agriculture, domestic science, and rural life among the people of the several counties of the State," there was "created and established in the College of Agriculture an Agricultural Extension Division to be coordinate with the resident instruction division and the Agricultural Experiment Station" of the College. This service is financed and administered with the cooperation of Federal, State, and county governments.

[1]See page 68.

The work originally undertaken has been subsequently expanded to include the Demonstration Community Packing Plant, established at Inwood in 1919, for the purpose of teaching the most approved methods of packing, sorting, and marketing of apples, peaches, and other fruits; the 4-H Club Camp for boys and girls, established at Jackson's Mill in 1921, for the purpose of teaching standards of excellence in agriculture and home economics; the Community Poultry Feeding and Egg Marketing Plant, established at Parkersburg in 1927; and the recreation center, established at Oglebay Park (Wheeling) in 1926, which has recently undertaken the task of developing adequate programs for improving the use of leisure time of both rural and urban citizens and for the training of community leaders.

SHORT COURSES AND SPECIAL SCHOOLS

In addition to the instruction of collegiate grade offered, the College of Agriculture maintains a series of annual short courses and special schools for the benefit of adult residents in the State who wish to obtain, in brief periods, education in certain fields. This series includes the Dairy and Ice Cream Short Course, the Testers' Short Course, the Livestock Extension School, the Horticulture Extension School, the Poultry Extension School, Farm and Home Week, and Junior Farmers' Week.

THE COLLEGE OF EDUCATION

In 1901 a Department of Education was established in the College of Arts and Sciences of West Virginia University. Subsequently, departments of education grew up in the College of Agriculture, the College of Engineering, and the School of Music. In 1927 the College of Education was established by the Board of Governors of the University to unify professional training for school service.

The order of the Board of Governors creating the College of Education gives it "full control in the University of all professional teacher preparation, directive control in the University of all academic teacher preparation, and full control in the University in recommending to the State Department of Education for the certification of teachers, principals, supervisors, and superintendents."

Through its undergraduate and graduate courses, its laboratory school, and its encouragement and direction of educational investigation and research, the College of Education aims to contribute to the educational efficiency of West Virginia by inculcating a liberal and more scientific conception of the functions of the public schools of the State and by directing the academic preparation and providing the professional training of secondary-school teachers, secondary-school principals, secondary-school supervisors, elementary-school principals, elementary-school supervisors, city superintendents, county superintendents, district superintendents, college teachers, educational counselors, and educational

research specialists. The College of Education comprises the College with its resident courses of instruction and research facilities and the University Demonstration High School with its facilities for observaton, student teaching, and experimentation.

The offerings of the College of Education are classified into departments according to the positions for which they train. These departments are as follows: general education, agricultural education, educational administration, higher education, home economics education, industrial education, educational materials and methods, music education, physical education, educational psychology, and educational supervision.

The degree of Bachelor of Science in Education requires four years of college work, the first two years of which are done in the College of Arts and Sciences under the supervision of a special adviser. The student registers in the College of Education for the last two years.

THE SCHOOL OF MUSIC

The School of Music, established in the University in 1897, offers two four-year curricula in applied music leading to the degree of Bachelor of Music (B. Mus.), and one four-year curriculum in public school music leading to the degree of Bachelor of Science in Music Education (B. S. Mus. Ed). The work in applied music may be in piano, violin, pipe organ, or voice. The curriculum in public school music is designed for teachers of music with a second teaching subject.

Special students in applied music, not working for credit, take private half-hour lessons. Students registered for credit attend one-hour recitations in classes of two students each.

The School is located in separate buildings, one containing five studios, three class rooms and eight practice rooms, the other containing two studios.

The equipment consists of 13 upright and eight grand pianos, and a three manual tubular pneumatic pipe organ located in Commencement Hall.

STUDENT CONCERTS

Each week, students as they are prepared, appear in a preliminary concert before faculty members.

Those giving satisfactory performances appear in a monthly public concert. These concerts vary in grade from elementary to graduate and post-graduate recitals. The object is to afford opportunity for the students to apply in public the proficiency that has been developed in the studio.

All music students are expected to attend the regular student recitals, and to take part in them whenever so assigned, and to attend all concerts given under the auspices of the University. Absence from student concerts will be treated as a "cut" in a major subject. They are expected to identify themselves with the various organizations of the

school, and are required to enter any to which they are assigned by the director.

Students of the School of Music are not allowed to take part in public programs or to join musical organizations without the consent of their respective teachers and the director of the school.

MUSICAL ORGANIZATIONS

The University Choir has been in existence for 23 years under the present director. It is open to all students who can sing a part. It functions as a choral society. It is the custom each year to study some great choral work and produce it. Miscellaneous programs are also given.

The University Orchestra is open to all students who are proficient in the use of some orchestral instrument. A thorough drill is given in ensemble playing and members gain an insight into the higher forms of orchestral music. Rehearsals are held weekly and a credit of one hour is granted.

An annual concert is given, besides other appearances during the year.

The University Girls' Glee Club is open to all university girls who can sing a part. Rehearsals are held weekly. Students participating receive one hour of credit per semester. Local and out-of-town concerts are given during the year.

THE SCHOOL OF MEDICINE

INSTRUCTION IN MEDICINE

Regular instruction in subjects preparatory to the study of medicine was first given in West Virginia University in 1871, the "chair of anatomy, physiology, and hygiene" having been established in that year. A curriculum covering the first two years of a standard four-year medical course was provided in 1902, and the work was placed in charge of the College of Medicine with a resident faculty of six men. In 1912 the College of Medicine became the School of Medicine. In reorganizing the work in medicine the Board of Regents retained the general character of the curriculum previously offered but provided for a larger faculty, more laboratories, and more adequate equipment. As at present consituated, the School of Medicine has its own dean and faculty but confers no degrees in medicine. However, it co-operates with the College of Arts and Sciences in granting the Bachelor of Science (B. S.) degree for two years of academic work and two years of medicine, or three years of academic and pharmacy work and two years of medicine.

It is not affiliated with any other college or school of medicine, and its students may go where they like to complete their medical studies and receive the degree of M. D. The instruction in medicine is ad-

ministered in the following departments: anatomy, biochemistry, medicine, pathology and bacteriology, pharmacology, physiology, and introductory surgery. The work in physical diagnosis and introductory surgery is in charge of practicing physicians, members of the local medical profession.

THE DEPARTMENT OF PHARMACY

In response to the request of the West Virginia State Pharmaceutical Association, the Board of Regents in 1914 made provision for instruction in pharmacy. The Department of Pharmacy was established in the School of Medicine, and a two-year course in pharmacy leading to the professional degree of Graduate in Pharmacy (Ph. G.) was offered. In 1917 additional courses of three and four years were established leading respectively to the degrees of Pharmaceutical Chemist (Ph. C.) and Bachelor of Science in Pharmacy (B. S. Phar.). The courses leading to the Ph. G. degree was discontinued July 1, 1924. Enrollment in the three-year course will be discontinued July 1, 1932. The four-year course meets the recommendations of the American Pharmaceutical Association and the requirements of the American Association of Colleges of Pharmacy.

THE SCHOOL OF MINES

RESIDENT INSTRUCTION

The School of Mines, established at the University in 1926, was given a degree-granting status in July, 1930. For administrative purposes, the School of Mines is divided into two departments: (1) the Department of Mining Engineering, and (2) the Department of Mining and Industrial Extension. The departmental offices, laboratories, class-rooms, museum, and model-rooms are located in Mechanical Hall.

The School of Mines offers (1) a four-year course leading to the degree of Bachelor of Science in Engineering of Mines, with options in coal-mining and oil and gas engineering; and (2) a combined science and engineering course, extending over five years, leading to the degree of Bachelor of Science (at the end of the fourth year), and Bachelor of Science in Engineering of Mines (at the end of the fifth year).

MINING AND INDUSTRIAL EXTENSION

The Department of Mining and Industrial Extension in the School of Mines conducts courses of instruction in practical subjects in various sections of the state where groups of individuals wish to study and receive training in subjects pertaining to their every-day work. The Department also aims to disseminate useful knowledge which has been amassed by research studies at the University to all classes of citizens in the State, and in this way to bring the University and its opportunities for learning to various groups of students who desire to enroll in its extension department.

Short Course in Coal Mining:

The Short Course in Coal Mining offered by the Department of Mining and Industrial Extension gives an opportunity to operators, officials, and employees of mining companies to obtain instruction pertaining to their work. The subjects covered in the short course are: explosives, methods of working, timbering, mine gases, mine ventilation, hoisting, haulage, mine drainage, safety lamps, mine management, electricity in mines, mine fires and explosions, safety organization and administration, mining arithmetic, and elementary mechanical drawing.

Special attention is given to students desirous of preparing themselves for the teaching of mining classes under the Smith-Hughes Act.

Through the cooperation of the West Virginia Department of Mines instruction is given in first aid and mine rescue work.

At the close of the short course the West Virginia Department of Mines conducts an examination for mine foremen and fire bosses.

Tuition is free. It is believed that $60.00 should cover all necessary expenses for the six weeks, excluding traveling expenses.

The nineteenth annual session of the Short Course in Coal Mining will begin on Monday, June 13, and continue until Saturday, July 23, 1932. For further information write for the special announcement of the Short Course in Coal Mining.

Vocational Courses Offered in Summer Session:

The following courses will be offered during the summer session: organization and administration of manual training, trade analysis and methods of teaching trade and related subjects, and vocational education. In the shops the following courses: woodworking, mechanical drawing, sheet metal work, machine shop practice, forging, and wood finishing.

Vocational Courses Offered in Extension:

Courses in foreman training and other special courses for those in industry are offered in centers where there is sufficient interest. In cooperation with the University Extension Committee, Merchants' Short Courses are given for the merchants of the larger towns and surveys of industrial communities are made. The services of the Department are available for any city or town desiring to establish night schools and part-time schools.

Extension courses in mining are offered under the direction of the University at various mining towns throughout the state. The instruction in these courses is carried on by University extension in-

structors who visit each center every week. At the present time the work is planned on a two-year basis to cover the following unit courses: mine gases, safety lamps, ventilation, timbering, explosives, haulage, drainage and pumping, mining methods, and preparation of coal. In each of these unit courses particular emphasis is placed on safety features, state mining laws, and application of arithmetic.

An intensive course for the training of mine foremen in cooperation with the Federal Board for Vocational Education is also offered in certain sections of the state.

An annual conference on water purification is held each year in cooperation with the State Department of Health. Each year a number of out of state engineers are invited to present papers at the conference. The State Department of Health and College of Engineering cooperate in the program. The papers presented at the conference are printed in bulletin form and the work is followed up by personal visits in the field. The conference is usually held at Charleston or Morgantown.

Conferences for men interested in the metering of electrical energy will be arranged to suit the convenience of those interested. Each group should consist of from eight to 12 men who have at least a working knowledge of elementary algebra and trigonometry. Conferences may be arranged by writing to Professor A. A. Hall, and are usually expected to be for 10 day periods devoted to current practices as well as to the basic theory of electrical meters, their connections and testing.

THE GRADUATE SCHOOL

Provision for the establishment of the Graduate School was made by order of the Board of Governors of West Virginia University in January, 1930. The functions of the Graduate School as instituted are two-fold: (1) to pursue research and investigations with particular reference to the problems of the state of West Virginia, and (2) to prepare and recommend to the Board of Governors candidates for the graduate degrees of Master of Science, Master of Arts, Doctor of Education, and Doctor of Philosophy.

The Graduate School is organized by divisions, based upon subject-matter, rather than by departments. The divisions are as follows: industrial sciences, biology and agriculture, social sciences, and education.

The Faculty of the Graduate School consists of the Dean of the Graduate School, the deans of the undergraduate colleges, members of the Graduate Council (consisting of the chairmen of the four divisions), and professors in charge of work open to graduate students only.

The student body of the Graduate School consists of all students enrolled in courses for graduate credit.

Application for admission to the Graduate School should be made in person or by letter some weeks prior to the opening of the semester for which the applicant desires to register. Applicants should possess

bachelors' degrees from recognized institutions, or should have completed undergraduate work equivalent thereto.

Admission to the Graduate School and enrollment in graduate courses do not necessarily imply acceptance of the applicant for an advanced degree. Only upon evidence of suitable preparation, will an applicant be admitted as a candidate for a graduate degree.

For more detailed information concerning the Graduate School, see the bulletin of that School, or the Graduate School section of this Catalogue.

DIVISION OF MILITARY SCIENCE AND TACTICS

West Virginia University, being one of the beneficiaries of the Act of Congress of 1862, has made instruction in military science and tactics compulsory for all freshman and sophomore men not specifically exempt. Military training was established in 1867 at the University's inception.

The following is an excerpt from chapter eighteen, article eleven, of the Official Code of West Virginia, 1931:

Section 6. MILITARY TRAINING. Male students of suitable age in the University shall be required, under such regulations as the Board of Governors shall prescribe, to enroll in the department of military science. Said students shall serve for the time required by said regulations and shall be entitled to such special privileges and immunities as the Board of Governors may determine. The Board of Governors shall have authority to accept appropriations, material, and other benefits from the Federal Government on account of any Federal law providing for aid to the West Virginia University for giving instruction in military science and to co-operate as far as practicable with the Federal Government for such purpose.

The following orders have been adopted by the University Board of Governors:

(1) Ordered that all male students, with the exceptions hereinafter named, shall enroll themselves in the Division of Military Science and Tactics and follow diligently the course of instruction provided therein. Proficiency in this course shall be required for graduation.

(2) Practical and theoretical instruction shall be given three hours per week throughout the school year to all students except those in advanced classes who will be required to take five hours per week. A credit of 1 hour shall be given for each semester's work satisfactorily completed. Such credit shall be included in the computation of the student's standing at the end of each semester.

(3) Every student enrolled in the Division of Military Science and Tactics, shall, at the time of his enrollment, deposit with the Financial Secretary of the University $10 to cover any loss or damage of government property occasioned through fault or neglect on the part of the Cadet. This sum less such deductions as are made for lost property or

other reasons will be refunded to the Cadet at the expiration of the school term upon presentation to the Financial Secretary of certificate of property clearance.

(4) The following classes of students shall not be required to enroll themselves in the Division of Military Science and Tactics, but may elect to do so:

(i) All students who are citizens of a foreign country and who do not intend to become citizens of the United States.

(ii) All students who at the date of entrance into the University are more than 23 years of age, and former students over 23 years of age who re-enter the University after an absence of three years.

(iii) All graduate students.

(iv) All students whose studies are entirely in the School of Music.

(v) All students who are taking only the short course, or the special winter course, or extension work in the University.

(vi) All students who at the time of matriculation have completed not less than 58 hours of work, and all who have credit for 4 hours of military science or 1 unit of entrance credit in military from a recognized military academy.

(vii) All students who are physically unable to perform military duty.

(5) Exemptions for cases (i) to (vi) will be determined by the adviser from the student's record.

(6) A board, to be known as the Military and Gymnasium Board, shall be composed of the Commandant of Cadets, and director of physical training, and a surgeon of the Corps of Cadets, designated by the President. The Board shall act upon claims for exemption from military services under case (vii).

(7) Applicants for exemption on the ground of physical disability shall be carefully examined by a surgeon of the Corps.

(8) Students exempt under case (vii) shall, upon recommendation of the Military and Gymnasium Board be required to register for such physical training as they can take until they have earned a credit equal to that given for the prescribed military work.

(9) In none of the preceding cases shall the student absent himself until his application has been acted upon.

(10) It shall be the duty of the Commandant of Cadets to notify the Registrar and student's adviser whether the Military and Gymnasium Board exempts a student or recommends that he be required to register for other work in place of military drill.

(11) Whenever the cause for exemption shall no longer exist, it shall be the duty of the student to present himself for drill at the next drill period.

(12) Students may appeal from the decision of the Commandant of Cadets or the Military and Gymnasium Board, in which case the appeal shall be decided by the Council of Administration.

ORGANIZATION

The Division is in charge of and instruction is directed by a United States Army field officer, detailed by the War Department, as Commandant of Cadets. His staff is composed of five line officers and three noncommissioned officers—all United States Army personnel; one band leader and assistant; and eight student assistants, members of the Officer's Reserve Corps.

The Corps of Cadets is organized as a regiment of three battalions—seven companies of infantry, two companies of engineers, and a band. Students in the College of Engineering and Mechanic Arts are enrolled in the engineering unit. All others are enrolled in the infantry unit.

INSTRUCTION IN MILITARY SCIENCE

The curriculum in military science and tactics embraces four years of work. Three hours a week are required for the first two years. Five hours a week for the last two years are optional. Those electing the last two years are required to attend one summer camp for six weeks, for which all expenses are paid.

One hour of credit is given for each course satisfactorily completed.

Inspection of the Corps of Cadets is made, once each year, by the Commanding General, Fifth Corps Area, or by a board of officers appointed by him. Other inspections are made at varying periods by officers of the Fifth Corps Area.

REWARDS

Graduates of the Division of Military Science and Tactics are eligible, within five years after graduation, to commissions as first lieutenants in the National Guard of the State, without examination. They are also eligible to commissions as second lieutenants in the Officers' Reserve Corps, and are exempt from examinations in subjects completed in this Division for promotion to first lieutenant in the Officers' Reserve Corps.

The names of the most distinguished Cadets of the graduating class are sent to the Adjutant General of the Army and to the Adjutant General of the State.

The Board of Governors of the University offers special rewards for excellence in military science and tactics. For a list of these rewards, see page 107.

ALLOWANCES

A uniform for each Cadet is furnished by the Federal government. Cadets are required to wear this uniform at drill and inspection. Cadets electing the last two years are given an allowance for uniforms.

Band instruments are furnished by the Federal and State governments, which also provide expert instruction in band music. After com-

pleting two years in the Band, qualified Cadets registering for further instruction and completing the year receive allowances approximating $65.00.

THE DIVISION OF PHYSICAL EDUCATION

HISTORY AND PURPOSE

The Division of Physical Education was established on the campus in 1928 in response to the need of the student body for a wholesome physical activity program. The principal responsibility of the Division is to organize and develop the recreational program of the student group and to prepare teachers of physical education for the high schools of the State.

The Division has a further responsibility, that of safeguarding the health conditions of the students during their period of residence and at the same time providing leadership and facilities for a regular program of physical activity which will meet the individual needs, capacities, and interests of every student group on the Campus. The Division has the additional responsibility of teaching every man and woman in the University one or more activities which they can use during their leisure time and after their period of residence in the University.

Finally, the Division of Physical Education must provide professional training for those students whose interests lie in physical education or recreation in the secondary schools or municipal departments of the State, and as a result wish to prepare themselves to teach physical education, coach athletic teams, or direct recreation in the city systems within the State.

In cooperation with the College of Education, the Division of Physical Education maintains a Bureau of Recommendation or Teachers' Placement Bureau[1] which makes available to school officials the credentials of students or alumni who are candidates for school positions.

ORGANIZATION

For purposes of administration and instruction the Division of Physical Education is organized into the following departments:

I. Service program for men.
II. Service program for women.
III. Intramural athletics.
IV. Health service.
V. Teacher training.

Through the first four departments, the Division serves the student body of all departments of the University by providing (a) a systematic program of physical education and recreation, and (b) a student health service designed to safeguard the health conditions on the Campus. For a more detailed description of the service programs, intramural athletic activities, and health service, see pages 97 to 100.

[1]See page 101.

The department of teacher training is organized to provide professional training for all men and women who are desirous of becoming teachers of physical education in the high schools or directors of recreation in municipal systems. During the past decade there has been an ever-increasing interest in the physical activities of the boys and girls of school age as well as in inter-institutional athletics. In 1927 the state of West Virginia adopted a statewide program of physical education for all secondary-schools of the State. To meet this need for adequately trained teachers of physical education, this Division has outlined a curriculum in professional training leading to the degree of Bachelor of Science in Physical Education (B. S. Phys. Ed.).[1]

SUMMER SESSION

The thirty-fourth Summer Session of the University will be held from June 13 to August 27, 1932. The Session will be made up of two terms—the first of six weeks and the second of five weeks. The first term will begin Monday, June 13, and end Friday, July 22. The second term will begin Saturday, July 23, and end Friday, August 27. Classes will be held on Saturdays during the second term.

The requirements for admission and the character of the work offered are the same for the Summer Session as for the regular year.

The first general assembly of the Summer Session is the Convocation held in Commencement Hall on Wednesday evening of the first week. The principal feature of this assembly is the address delivered by some nationally-known educator. All students are expected to attend this assembly.

Each Thursday evening throughout the first term a general assembly is held at 8:15 o'clock, the principal feature of which is a vesper concert given by the Faculty and students of the School of Music.

During the first term of the Summer Session special recreational or entertainment features will be provided. They will consist of lectures, concerts, hikes, informal dances, etc. A special committee will be in charge of these programs.

COURSES FOR TEACHERS

Many of the students enrolled for the Summer Session are school superintendents, principals, supervisors, and teachers. The number of these is increasing rapidly from year to year. The University is therefore especially desirous of offering courses that will meet the needs of this group. To this end the College of Education engages in the summer a considerable staff of qualified instructors and offers a wide range of courses in Education for both undergraduate and graduate students.

The University laboratory high school, integrated with the College of Education, is operated during the summer as well as during the regular year.

[1]See pages 205 to 210.

FIELD COURSES

For the past six years a field course in botany has been offered for Summer Session students interested in this subject. This course will be repeated in the summer of 1932. Students taking the course spend the entire time in the field, camping and traveling by automobile. Various sections of the state are visited, the aim being to give the class a chance to study the flora of typical regions. The course continues throughout the session, but students desiring to take the work for only one term may enroll for either term and receive credit for the work of that term if completed satisfactorily. A maximum credit of eleven semester hours may be earned by students taking the course throughout the entire session. A maximum credit of six hours may be earned by those taking it during the first six weeks' term, and five hours by those taking it during the second five weeks' term. The course is given by Mr. Earl Core of the Department of Botany in the University.

A field course in zoology will also be offered this year during the first six weeks of the season. Students taking this course will join the botany expedition and will pursue their work under the leadership of Dr. L. H. Taylor of the Department of Zoology in the University.

Advanced students in geology may participate in the work of the West Virginia Geological Survey and receive as much as 4 hours' credit for such work.

RESEARCH WORK IN THE SOCIAL SCIENCES

An arrangement has been made with the Library of Congress, Washington, D. C., whereby senior and graduate students can use its facilities for research under the supervision of an instructor in the University. In pursuance of this plan, two seminar courses in history will be offered in 1932 during the five-week term, July 23 to August 27. One of these courses will be in American history and the other in European history. The work will be under the supervision of Dr. O. P. Chitwood, professor of history in the University. This opportunity for research is also open to advanced students in education, English, political science, economics, and sociology. Students wishing to begin work earlier than July 23 may do so by special arrangement with the instructor.

COLLEGE GROUP ACTIVITIES

During the 1931 Summer Session for the first time groups of students representing the various colleges of the state met in the Stadium and organized for the purpose of representing their respective schools in social activities generally. During the Session many of the groups held frequent social meetings and one evening program was given in the Stadium by the college groups. More and varied social activities are planned by many of the groups for the 1932 Summer Session.

FUNDS

The funds for maintaining the University and the Agricultural Experiment Station are derived from the following sources: (1) Interest on the land grant endowment of $115,750; (2) the Morrill-Nelson fund; (3) the Hatch fund; (4) the Adams fund; (5) the Smith-Hughes and the Smith-Lever funds; (6) the Purnell fund; (7) the Capper-Ketcham fund; (8) Additional Federal Cooperative fund; (9) biennial appropriations by the Legislature; (10) fees and tuition; (11) income derived from the work of the Agricultural Experiment Station and the College of Agriculture; and (12) contributions by private benefactors for the support of fellowships and scholarships.

BUILDINGS AND EQUIPMENT

MARTIN HALL

The oldest building on the Campus is Martin Hall, located on the south side of The Circle. Its corner stone was laid in 1869 and the structure was completed in 1870. It was named in honor of Dr. Alexander Martin, first president of the University, who served from 1867 to 1875. Although it is the oldest, Martin Hall is not, however, the "first" building on the Campus. That distinction may be attributed to the old Woodburn Female Seminary building, destroyed by fire in 1873 and replaced by Woodburn Hall in 1876.

The Department of Physics and the Department of Public Speaking are in Martin Hall. The office of the Dean of Men is located on the first floor of the building.

WOODBURN HALL

On June 18, 1874, the corner stone of the present Woodburn Hall was laid on the site of the old Woodburn Female Seminary building, constructed in 1835 as a residence for the Hon. Thomas P. Ray. The Seminary building (destroyed by fire in 1873) and several acres of land overlooking Falling Run Hollow (now buried under Mountaineer Field and the Stadium) were donated to the State.

The central structure of Woodburn Hall was completed by June, 1876, and the upper floor was used as the Commencement auditorium until 1890. The north wing of Woodburn Hall was begun in 1898 and finished in 1900. The south wing was completed in 1910.

The Clock, which had been installed on the top of Martin Hall in 1881, was moved to the Tower on Woodburn Hall in 1910. A new operating mechanism for the old Clock, co-ordinated with the class-bell system in all University buildings, was installed in October, 1930.

The College of Education, and the Departments of Pharmacy, English, Romance languages, Journalism, German, Economics, Business Ad-

ministration, and Sociology occupy the major portion of space in this building. In the basement may be found the University Pharmacy and the analytical and manufacturing laboratories of the Department of Pharmacy, in which many of the preparations are manufactured or compounded for the filling of student prescriptions. The building contains also a number of administrative offices including the offices of the Board of Governors, the President, the Registrar, the Editor, the deans of the College of Arts and Sciences and the College of Education, the Superintendent of Buildings and Grounds, and the Chairman of the Social Committee.

EXPERIMENT STATION BUILDING

The central portion of the old Experiment Station building was erected in 1873; the north and south wings were added in 1889 and 1890. The building was first used, in part, as a temporary Armory for the University cadets.

On the first floor of the building, at present, are located the offices and laboratories of the agricultural chemistry department and the offices of certain extension specialists. The second floor is occupied by the soils laboratory, the poultry department, and home economics research laboratories.

COMMENCEMENT HALL

One of the oldest buildings on the Campus is Commencement Hall. It was built in 1889, and included a gymnasium in the basement. The building is located just across University Avenue from Elizabeth Moore Hall. Commencement Hall takes its name from the fact that Commencement exercises were conducted in the building's 800-seat auditorium for many years. Convocation exercises are now conducted in the auditorium, which also provides accommodations for recitals of School of Music students, Cadet Band concerts, freshman guidance meetings, Choir practice, and organ practice.

SCIENCE HALL

This building was constructed in 1893 for the purpose of providing classroom and laboratory space for scientific instruction, principally in physics and chemistry. The growth of these departments necessitated the building. Physics was moved to Martin Hall in 1918, when Oglebay Hall was completed for occupancy, and chemistry was moved to the Hall of Chemistry when that structure was completed in 1926.

Since 1926, Science Hall has been used almost exclusively for undergraduate instruction and graduate research in the biological sciences. The Zoological Museum is in Science Hall. The offices of the Financial Secretary are located on the first floor of the building.

MECHANICAL HALL

All instruction in engineering subjects is centralized in Mechanical Hall, which was completed in 1902 (replacing the old Mechanical Building, erected in 1894 and destroyed by fire in 1899). In this building, to which an annex was added in 1916, are the offices, recitation rooms, lecture rooms, general departmental drawing rooms, the shops, laboratories, and museums of the College of Engineering and Mechanic Arts, and the School of Mines. Offices and laboratories for the Testing Engineer of the State Road Commission, and No. 1 Rescue Station of the West Virginia Department of Mines are also located in the building.

ARMORY

The Armory, completed in 1902, is a large story-and-a-half brick structure providing a drill hall 60 by 120 feet for use of the Cadets during inclement weather. The building is the headquarters of the Corps of Cadets and all of their equipment is housed therein. The Commandant of Cadets and his aids have their offices on the first floor of the building. The Cadet Band practices in the building, and most of the general University social functions are held there.

OLD LIBRARY

This building, completed in 1902, is constructed of stone. Aside from being widely known as a work of art, the building also attracts a measure of attention through the fact that tradition places it as one of the last buildings designed by the famous architect, Stanford White. The Department of Philosophy and Psychology occupies the third floor. The office of the Alumni Secretary is on the second floor. The remainder of the building is at present being used temporarily by the University Demonstration High School pending completion of the new three-hundred-thousand-dollar high school plant now under construction.

PRESIDENT'S HOUSE

President's House, the home of the President of the University, was built in 1905. It is located on the Campus midway between the Law building and Elizabeth Moore Hall. It is a large building, constructed of stone. Stately white columns support the entrance roof. The interior of the mansion, divided by a wide central hallway, is designed for convenience in entertaining large groups.

HEATING PLANT

Buildings of the University are heated by the central Heating Plant, completed in 1906. The building is stone and is located adjacent to the Men's Field House near the Baltimore and Ohio railroad right-of-

way. Underground tunnels convey live steam pipes to the various buildings, where the steam is forced into each building's system of radiators. The School of Music building and Annex, the Infirmary, and the Faculty Club building are heated by separate plants.

MUSIC BUILDING

Classes of instruction in the School of Music are conducted in a three-story frame structure below the President's House. This building was formerly located on the site of the present Law Building, where it was the residence of the late Hon. E. M. Grant. It is equipped for classes in voice, piano, violin, theory of music, history of music, and public school music.

SCHOOL OF MUSIC ANNEX

The School of Music Annex, formerly used as an office by the late Dr. I. C. White, but now converted into studios for piano and violin, is in front of the new University Library. Organ instruction and practice are provided in Commencement Hall.

MEDICAL BUILDING

The Medical Building, a three-story brick structure, was completed in 1916. The administrative offices, the pharmacological and biochemical laboratories, and a general lecture room are located on the first floor. The remainder of the building is used for lecture and recitation rooms, offices of members of the teaching staff, and laboratories of the various departments of the School of Medicine—bacteriology, pathology, medicine, physiology, anatomy, and histology. Each laboratory is provided with adequate equipment and an abundance of natural light.

OGLEBAY HALL

The administration offices and many of the laboratory and class rooms of the College of Agriculture are in Oglebay Hall, completed in 1918. This building, 188 feet long and four stories high, contains on the basement floor the creamery and dairy laboratories, a four-chambered cold storage and ice machine, the mailing room, and laboratories for horticulture and animal husbandry. The first floor provides space for the offices of administration of the College and Station; recitation and lecture rooms for agronomy, animal husbandry, horticulture, and home economics; laboratories for agronomy, horticulture, and home economics work in food and textiles; and a suite of rooms for home economics instruction consisting of a dining-room, kitchen, reception-room, and reading-room. The second floor houses the Agricultural Extension Division and the Department of Agricultural Education and provides six recitation-rooms and three home economics laboratories equipped for work in clothing and applied arts. On the third floor are recitation rooms and laboratories for farm economics, plant pathology, entomology, and veterinary science. The State Seed Laboratory is on this floor.

WOMAN'S HALL

Woman's Hall, completed in 1919, is located on Maiden Lane, facing the old Athletic Field and a considerable portion of the Campus. The large building, four stories in height, provides accommodations for 108 women students in two-room suites (connected by a bath) with two students in each room. The first floor is occupied by the dining room, kitchens, storerooms, and servant quarters. On the second floor are reception rooms, parlors, office and suite of the Preceptress, six suites, and a kitchenette. The upper floors are occupied by suites, with a kitchenette on each floor. A study hall also is located on the third floor.

LAW BUILDING

The building occupied by the College of Law is of fire-proof construction utilizing brick, steel, and concrete. It was completed in 1923, and is 144 feet long by 56 feet in minimum width and three stories in height. The building contains three large classrooms, a fully-equipped practice court room, study rooms with space for 150 readers, a private office for each member of the Faculty, the Dean, the Librarian, and the Secretary, club rooms for both men and women students, a locker room, a clerk's and sheriff's office, and stack and shelf space for 50,000 volumes with potential space for approximately 60,000 volumes.

The present collection of about 26,000 volumes includes Federal and state reports and statutes, English, Irish and Canadian reports, encyclopedias and digests, legal treatises, periodicals, etc.

The University Bookstore is located in the basement of the Law building.

MOUNTAINEER FIELD

On the north border of the lower Campus is located the Stadium, enclosing Mountaineer Field. This monolithic concrete and steel structure was erected in 1924, largely through subscriptions of alumni and former students but also with the help of other contributors. It has a seating capacity of 34,000. Mountaineer Field provides facilities for intramural and intercollegiate football, and track and field events. The Old Athletic Field is used for baseball, football and track and field practice, and as a drill ground for the Cadets.

CAFETERIA

The Cafeteria for University students, members of the faculty, and administrative staffs was established in 1924, soon after the building which houses it was completed. The purpose of the Cafeteria is to furnish wholesome and substantial meals to its University patrons at a reasonable cost and without profit to the University. The Cafeteria is located between Mechanical Hall and the old Library.

HALL OF CHEMISTRY

The Hall of Chemistry, completed in 1925 after being under construction from 1921, is perhaps the largest building on the Campus, and is considered one of the finest and most modern buildings of its kind in America. It is fire-proof throughout and is constructed of brick, steel, and concrete. The Hall of Chemistry is located at Prospect street and University avenue, opposite President's House. Chemistry classroom and laboratory work is conducted in this building, and, because of its size, the building also houses the Departments of Mathematics, Geology, Political Science, History, and Classics. The offices and laboratories of the State Geologist and the West Virginia Geological Survey also are housed in the Hall of Chemistry.

MEN'S FIELD HOUSE

The Men's Field House, completed in 1928, is located on the lower Campus near the Monongahela river. Four tennis courts have been constructed nearby. There are now immediately adjacent to the Field House eight regulation horseshoe pitching courts, and four archery ranges of standard size.

The Field House contains the administrative offices of the Division of Physical Education. This building, constructed of brick, steel, and concrete, is modern in every particular. It provides facilities (including lockers and showers) for physical education classes, intramural athletics and intercollegiate athletics.

ELIZABETH MOORE HALL

On the upper Campus, opposite Commencement Hall, is Elizabeth Moore Hall for women, completed in 1928. The building provides for social, recreational, and physical education activities for women students, and was named as a memorial to Mrs. Elizabeth I. Moore. The building is so arranged that facilities for social activities constitute a separate unit.

The offices of the Department of Physical Education for Women, and the office of the Dean of Women are in this building. The two floors on the slope of the hill below the main or entrance floor are devoted almost exclusively to athletic facilities for the girls. On one of these floors is a fully equipped gymnasium, which may be utilized for basketball or other indoor sports, or as a small auditorium; on the other floor is a modern swimming-pool.

FACULTY CLUB

A three-story frame house, formerly the mansion of the late Dr. I. C. White, was acquired through the purchase of a large tract of land (immediately adjacent to the Campus) from Dr. White previous to his death. The mansion has been recently converted into a clubhouse for members of the Faculty Club. Several of the members reside there. The Library and the Hall of Chemistry were built on portions of the White property.

UNIVERSITY LIBRARY

The University Library comprises about 130,000 volumes. It subscribes for about 700 periodicals; not including the transactions of learned societies, or publications of educational institutions.

The publications on law are shelved in the College of Law building; the most important works on mathematics in the Department of Mathematics; and those on German in that department. Other collections are found in the Library.

The new Library building, completed in 1931, is but the first unit of a larger structure. It is modern Georgian style architecture, constructed of Indiana limestone and brick, and, with equipment, cost about $400,000. Approximately 150 feet long and 130 feet wide, the building is three stories in height.

On the first floor are four seminar rooms with adjacent studies, offices of administration, toilet rooms, storage space, bindery and unpacking rooms, and janitor's quarters. The stack room, in the center of the building, provides space for five floors of steel stacks, and shelving for about 300,000 volumes.

On the second floor are two reading rooms and general delivery desk. A periodical reading room is located on the third floor.

The stack room will be provided with equipment for mechanical delivery of books. One elevator is installed at present. Cubicles, or private compartments for study, for 52 students or professors also are provided. The building will accommodate 450 readers.

Students specializing in geology have access also to the voluminous library of the West Virginia Geological Survey.

The Package Library collection, numbering from 12,000 to 15,000 pieces, more than 1,800 volumes of dramas, books and programs for special occasions, is intended primarily for the University Extension Service. It is, however, open to students in the Department of Public Speaking for debate and dramatic work.

Except during vacations and holidays, the Library is open from 7:45 a. m. to 9:45 p. m., Monday to Friday; 7:45 a. m. to 7:45 p. m., Saturday; and 2 p. m. to 5 p. m., Sunday. During vacations the hours are from 8 a. m. to 12 noon.

Classes in library science are taught in the Library.

THE UNIVERSITY DEMONSTRATION HIGH SCHOOL

The University Demonstration High School, a new three-hundred-thousand-dollar plant, has been erected with funds provided by the General Education Board of New York City and by the citizens of Cass, Grant, and Union Districts of Monongalia County, West Virginia, for the high school training of the children of these districts under the direction of the College of Education. The structure, which is located on the upper Campus, is modern in every respect, and provides ample facilities for observation, student teaching, practice supervision, and research.

WOMAN'S HALL ANNEX

The Woman's Hall Annex building is leased from the Protestant Episcopal Church of Morgantown. The building, used as a dormitory for women since 1907, was originally constructed as a dormitory for Episcopal students attending the University. It is located at Spruce and Willey streets. With practically the same conveniences as are offered at Woman's Hall, the Annex accommodates 44 students and a Preceptress. Residents of the Annex dine at Woman's Hall.

BOUGHNER HOUSE

Boughner House, also leased by the University, is the latest building to be equipped as a dormitory for women. It was established as such in 1925. Boughner House, so named from the old Morgantown family which formerly occupied it, is located on north High street, opposite the Methodist Episcopal church building. It will accommodate 34 students and a Preceptress. This dormitory also has no dining room, but otherwise its conveniences are modern.

INFIRMARY

The Infirmary, established several years ago by the University, is operated in a leased structure which provides on the first floor waiting rooms, offices of the physician, offices of the nurse, and storage space. On the second floor is an isolation room where students having a contagious disease may be isolated and treated. A five-bed ward is maintained for the treatment of students who may require only a day or two of care, or for students needing hospitalization who are unable to pay for such attention in an "outside" hospital.

DEPARTMENTAL FARMS

The College of Agriculture has 700 acres of land lying a short distance from the Campus. This land is definitely organized into a series of five farms operated, respectively, by the animal husbandry, agronomy, dairy husbandry, poultry husbandry, and horticulture departments. Each farm is well-equipped with such modern farm buildings as are needed

for experimental, laboratory, and class work. The barns of the dairy and animal husbandry farms are new and embody the most modern ideas in such construction.

The greenhouse establishment of the University, likewise, has been greatly enlarged and modernized in all respects.

LABORATORIES

The following is a list of the laboratories in the various colleges, schools, and divisions of the University:

COLLEGE OF AGRICULTURE: Agricultural chemistry, agricultural statistics, agronomy and soils, animal husbandry, dairy husbandry, entomology, farm mechanics, fruit packing, genetics, horticulture, plant pathology, poultry husbandry, veterinary science, applied arts, clothing and textiles, foods and nutrition, home management, and institutional management. The College operates also several farms, greenhouses, experimental branch stations, and extension demonstration centers.

COLLEGE OF ARTS AND SCIENCES: Biology, botany, chemistry, geology, journalism, physics, radio, psychology, and zoology.

COLLEGE OF EDUCATION: Educational measurements and statistics, educational psychology, and directed teaching.

COLLEGE OF ENGINEERING AND SCHOOL OF MINES: Chemical engineering, ceramics, metallurgy, electrical engineering, mechanical drawing, forging, electric welding, foundry, machine shop, woodworking, pipefitting, sheet-metal working, hydraulic engineering, surveying, road materials testing, other materials testing, power engineering, mining engineering, and oil and gas engineering. Each year advanced students are taken on inspection trips to typical industries or engineering projects.

COLLEGE OF LAW: Drafting of legal instruments and practice court.

SCHOOL OF MEDICINE—COURSES IN MEDICINE: Anatomy, medical bacteriology, biochemistry, histology and embryology, pathology, physiology, pharmacology.

SCHOOL OF MEDICINE—COURSES IN PHARMACY: Pharmacognosy, drug manufacturing, prescription laboratory, and pharmacy.

SCHOOL OF MUSIC: Studios in voice, piano and other stringed instruments, pipe organ, orchestra and ensemble, and classes in directed teaching.

DIVISION OF PHYSICAL EDUCATION: Gymnasium exercises, swimming, folk dancing, in-door and out-door games, intramural activities, wrestling, boxing, track and field, and directed teaching.

Many of these laboratories are devoted not only to undergraduate instruction, but also to graduate study and research and to research projects being carried on by members of the staff. They are all adequately equipped.

LIVING ACCOMMODATIONS

MEN

The matter of furnishing information to new male students in the University regarding suitable boarding and rooming places (there are no men's dormitories owned or maintained by the University) is in charge of the Dean of Men. On arrival in Morgantown, all men should go directly to Martin Hall, where they will find complete lists of approved rooming and boarding places, and also upper-classmen who will assist them in finding rooms and in matriculating. During the opening days of the semester, committees from the various religious groups and associations meet new students at trains and buses and are ready to render the newcomers every assistance possible.

Freshmen who are "pledged" by the various social fraternities on the Campus are permitted to live in the chapter houses. Living costs in the fraternities are governed, generally speaking, by the fraternities themselves. On December 1, 1931, there were 425 men rooming in 25 fraternity chapter houses at the University and 600 boarding in these same houses.

Prospective students desiring any information concerning living accommodations in advance of their arrival in Morgantown may address H. E. Stone, Dean of Men, West Virginia University.

WOMEN

All girls in the University (except those living at home) are required to live in the dormitories, sorority houses, or in rooming houses approved by the Dean of Women. Changes in rooming places made after the beginning of a semester may be made only with the Dean's approval. Lists of approved rooming houses and other desired information may be obtained by prospective students in advance of their arrival in Morgantown by addressing Miss Ruth D. Noer, Dean of Women, West Virginia University.

The Woman's Hall has room for 108 students and has a dining room which accommodates 300. The Woman's Hall Annex has rooms for 44; Boughner House cares for 34. Application for rooms in the University dormitories should be made to Miss Isabel Hayes, Preceptress, Woman's Hall, West Virginia University. Rooms in the dormitories may be engaged in advance, upon the payment of a retaining fee of $10.00. This amount is refunded at the end of the year, less any deduction for damages to room or furnishings. A student who, for any good reason, desires to relinquish a room thus engaged may have the fee refunded if she gives notice before August 15. If a student withdraws from the University for any reason other than illness her room rent cannot be refunded, unless it is possible to obtain a substitute. No. girl may remove from a dormitory unless her place can be filled.

The cost of rooms in the dormitories for women is as follows:

Woman's Hall	*Per Year*
First and second floor front	$90.00
First and second floor rear	85.00
Third floor front	85.00
Third floor rear	80.00

Annex	*Per Year*
Single room	$80.00
Double room	$65.00 to $75.00

Boughner House	*Per Year*
First and second floors	$85.00
Third floor	75.00

	Per Semester
Board in the dining hall (in advance)	$126.00

BOARD AND LODGING

Board and lodging may be obtained in Morgantown for from $8 to $10 a week. Furnished rooms may be obtained at from $1.50 to $2.50 a week, for each tenant with two in a room; with one in a room the cost ranges from $2 to $4 a week. Board in private homes or in student's boarding clubs costs from $5.50 to $7 a week.

ADMISSION TO THE UNIVERSITY

ADMISSION TO THE UNDERGRADUATE COLLEGES AND SCHOOLS

METHODS OF ADMISSION

Students are admitted to the University either by examination or on certificate from an accredited secondary school. In the latter case the certificates must set forth the work of the student in detail. Diplomas or certificates of a general nature are not sufficient.

Candidates for admission to the University must be at least 16 years of age. They must present certificates of good moral character and, if from other colleges or universities, must present letters of honorable dismissal.

Candidates for admission who do not present entrance certificates, or who come from other institutions of learning without letters of honorable dismissal, may at the discretion of the Committee on Entrance, be allowed to register provisionally. In every such case, the Registrar will make immediate inquiry of the institution from which the applicant comes, and if satisfactory certificates of credit and good standing cannot be obtained the registration will be cancelled and the fees paid by the applicant will be returned. A provisional registration will not ordinarily be continued for a longer period than one week.

ENTRANCE UNIT DEFINED

The requirements for admission to the various colleges of the University are stated in terms of units.

A unit in any subject represents the amount of work that may be done in a standard high school in a year of 36 weeks, with five recitation periods per week, of not less than 40 minutes each. In courses where laboratory work is required, from two to three hours of laboratory work is considered the equivalent of one hour of recitation according to the amount of outside preparation required in connection with such work.

Graduates of accredited schools[1] receive credit for the work certified, with the understanding, however, that no student may enter any college of the University until he has credit for 15 units, i. e., the work of a standard four-year high school course.

CERTIFICATION OF ENTRANCE UNITS

Graduates of the State normal schools and of all other schools in good standing will receive credit for work properly certified.

Certificates of entrance units should be on the blank form prescribed by the University or on a similar form, so that credit values may be readily computed. These certificates should be sent in to the Registrar at least two weeks before the applicant presents himself for matriculation. Failure to do this may result in vexatious delay in registration and may

[1] In accrediting West Virginia secondary schools the University follows the classification made by the State Supervisor of High Schools.

render the student liable to the payment of the $2 late registration fee. After the certificate has been considered by the Committee on Entrance and the credits recorded, it becomes the property of the University and is permanently filed in the Registrar's office.

PRESCRIBED AND ELECTIVE UNITS

A. Fifteen units of high school work are required for entrance to the University. Those who are going into the College of Education must make up an additional unit during the first or second year, in order to comply with the teacher training requirements of the State Board of Education.

B. The following groups are required:

(1) Four units in English[1]
(2) Three units in a second subject
(3) Two units in each of two other subjects

C. The work indicated in A must include: For admission to all colleges and schools, 2 units in mathematics—1 unit in algebra and 1 unit in plane geometry. For admission to the College of Engineering, 1½ units in algebra, 1 unit in plane geometry, and ½ unit in solid geometry.[2] For admission to the School of Medicine, 2 units in a foreign language and 1 unit in history. For admission to the College of Education, 3 units in social studies and 2 units in science, including biology. For admission to the Course in Public Health, 1½ units in algebra, 1 unit in plane geometry, ½ unit in solid geometry, and 2 units in either French or German are required.

D. Work in the following subjects not to exceed the number of units placed after each subject will be accepted:

Subjects	*Units*	*Subjects*	*Units*
English	4	Science[3]	
Foreign Languages[5]		Physics	1
Latin	4	Chemistry	1
Greek	3	Biology[4]	1
French	3	Botany[4]	1
German	3	Zoology[4]	1
Spanish	3	Geology	1
Italian	3	General Science	1
		Physical Geography	½
Education	2	Physiology	½

[1]A student may enter with only 3 units in English, but in that case he must take 6 hours in college English as elective above the minimum requirement for the degree for which he is a candidate. For this additional work he will receive college credit.

[2]Students may enter with only one unit of algebra, or without solid geometry, but they will be irregular in their schedules.

[3]A group of 2 or 3 units in science may be made by combining 1 unit each of any of the following: physics, chemistry, botany, biology, zoology, geology, general science.

[4]If a student presents either botany or zoology for entrance he may not have credit for more than ½ unit of biology; if he presents both botany and zoology, no credit in biology will be allowed.

[5]Not less than 2 units of one foreign language will be accepted for entrance unless supplemented by further work in college in the same language to complete a minimum equivalent to 2 units of entrance. Six hours of college work are regarded as equivalent to 1 unit in a foreign language.

Mathematics
- Algebra 2
- Plane geometry 1
- Solid geometry ..... ½
- Trigonometry ..... ½

History and Economics[1]
- History 3
- Civics 1
- Economics 1
- Sociology 1

Drawing
- Free-hand drawing 1
- Mechanical drawing 1

Music (applied) 2

Commercial geography ..... ½

Commercial law ..... ½

Vocational subjects (not to exceed 4 units)
- Agriculture 3
- Household arts 3
- Manual training 3
- Bookkeeping or bookkeeping and commercial arithmetic 2
- Commercial arithmetic (alone) ..... ½
- Shorthand 1
- Typewriting 1

Physical education 1

Hygiene and Sanitation 1

SPECIAL REQUIREMENTS

College of Law:

The following persons will be admitted to the College of Law as candidates for the degree of Bachelor of Laws:

1. Graduates of colleges of approved standing.

2. Those having credit (a) for 15 units preparatory work and (b) for not less than three years of work of collegiate grade in an institution of approved standing. Such work if done in an institution other than West Virginia University must, as a minimum, entitle the student to not less than 90 hours of credit in the College of Arts and Sciences of West Virginia University. No course may be counted for entrance to the College of Law unless such course would count toward the Bachelor of Arts degree in West Virginia University.

College of Education:

The requirement for admission to the College of Education shall be the completion of (a) 16 units of preparatory work and (b) 58 hours of approved college work, with an average of at least 1 honor point per credit hour. Candidates for the bachelor's degree in Education register for their first two years of work in the College of Arts and Sciences. Freshmen and sophomores who expect to enter the College of Education will indicate their intention when they register. Their studies will be directed by Professor Elizabeth Stalnaker, adviser for pre-education students. Such students should so order their courses of study as to meet junior standing and fulfill the curricular requirements for the certification of teachers.

[1]A group of 3 units may be formed by combining 2 units of history with 1 unit of civics, economics, or sociology, or with ½ unit each of any two of these subjects.

School of Medicine:

In addition to the 15 units of secondary school credit listed above, the student must have credit for 66 hours, either in the College of Arts and Sciences of West Virginia University or in another institution of equal grade.

In accordance with the regulations of the Association of American Medical Colleges, a schedule covering two years of pre-medical college work has been arranged.[1]

Medical students are urged by the Association to take psychology, more chemistry and college mathematics, and a year of modern foreign language, preferably French or German.

Many of the medical schools feel that a physician should have a broader training in non-scientific courses, in order that he may be of the greatest usefulness to his community and that this may be attained by extending the pre-medical college work to three years. A small group of colleges requires a four-year college course and a bachelor's degree for entrance.

Candidates for the degree of Bachelor of Arts (with the fourth year in the School of Medicine) will register during their first three years in the College of Arts and Sciences, and during their fourth year in both the College of Arts and Sciences and the School of Medicine. The College of Arts and Sciences grants the degree.

Candidates for the Bachelor of Science degree (with the last two years in the School of Medicine) will register during their first two or three years in the College of Arts and Sciences, and during their last two years in both the College of Arts and Sciences and the School of Medicine. The degree is granted jointly by the College of Arts and Sciences and the School of Medicine.

School of Music:

Students may enter the School of Music at any time, although, of course, it is to their advantage to enter at the beginning of a semester. Students will not be permitted to register for any courses in music for credit toward any degree (A. B. or B. Mus., or B. S. Mus. Ed.) without passing an examination in solfeggio, or demonstrating to the satisfaction of the head of the department their ability to read music of moderate difficulty. They must evidence a mastery of the elements of music, and must have completed two years of piano study.

CONDITIONAL ADMISSION

Students who have credit for 15 units of secondary school work but who can not meet the specific requirements (see B and C above) of the college they desire to enter may register as conditional freshmen in that college. Such students must make up all deficiencies before they can be classified as sophomores.

[1]See pages 131 and 133.

Under no circumstances will students be admitted to the course in medicine without having completed 15 units of secondary school work and 60 hours of college work, including English 1 and 2; Chemistry 3, 4, and 36; Zoology 1 and 2; and Physics 1, 2, 3, and 4; which are required by the American Medical Association. But students who lack the remaining 6 hours of college work may be admitted to the course conditionally, and must find opportunity to remove the condition during the Summer Session, or elsewhere, before enrolling for the second year in the School of Medicine.

SPECIAL STUDENTS

Persons who do not desire to become candidates for a degree may, by permission of the Committee on Entrance and of the faculty or dean of the college which they desire to enter, be admitted as special students, subject to the following provisions:

1. Special students must as a rule be 21 years of age.

2. Special students must satisfy at least 9 units of the requirements for admission, including 2 units of English.

3. Every application for admission as a special student must be presented in writing to the Committee on Entrance and must set forth fully the applicant's reason, together with a detailed statement of the studies he desires to pursue.

4. Special students are subjected in all respects to the usual rules relating to registration and scholarship. They may be assigned to classes for which they apply, it being understood, however, that admission to any class rests entirely with the instructor in charge, and further, that admission to any class when so granted does not necessarily imply credit for prerequisites.

5. In the School of Mines, special provisions are made for those taking strictly vocational courses.

ADVANCED STANDING

Applications for advanced standing on account of work of college grade done before entrance to the University should be made to the Committee on Entrance not later than two weeks after the applicant's matriculation. Certificates of college credit must be presented on a separate form from the entrance units.

If no certificates are offered or if those offered are considered by the Committee on Entrance to be irregular or insufficient, the Committee will arrange for an examination of the applicant. In this case the dean of the proper college will issue examination cards on which after examination the head of each department will report to the Committee on Entrance the numbers, names, and credit values of the courses, if any, for which the applicant is entitled to credit.

College of Law:

Applicants for admission to advanced standing in the College of Law must satisfy the following requirements:

1. Compliance with the requirements for admission to the first year class.

2. For admission to the second year class, applicants must have successfully pursued the study of law in residence for at least one year in an approved law school, where they have received credit for courses equivalent to those required for admission to the second year class in the College of Law.

3. For admission to the third year class, applicants must have successfully pursued the study of law in residence for at least two years in an approved law school, where they have received credit for courses equivalent to those required for admission to the third year class in the College of Law.

No credit will be given for work done in a law office.

School of Music:

Advanced standing in piano is given only by examination. Persons desiring such advanced standing should enroll in piano at the beginning of the semester and after they have become thoroughly familitar with the requirements for each semester's work, they may take a special examination in which they will prove their ability to meet the requirements as outlined. If desired an estimate may be made in advance by the head of the department as to the probable number of hours that may be gained by this examination but it will be unofficial until the examination is taken.

ADMISSION TO THE GRADUATE SCHOOL

Applicants holding bachelors' degrees from West Virginia University or from other institutions within the State approved by the State Board of Education and authorized to confer such degrees, or from institutions without the State standardized by membership in one of the associations of colleges and secondary schools, will be admitted to the Graduate School by making formal application to the Chairman of the Graduate Council and presenting an official transcript of the credits upon which their bachelors' degrees are based. Graduates of non-approved institutions may be admitted provisionally with the understanding that any deficiencies in their undergraduate training will be promptly removed.

Application for admission to the Graduate School should be made either in person or by letter some weeks prior to the opening of the semester for which registration is desired. Blank forms may be obtained from the Chairman of the Graduate Council. The application must be in the hands of the Council at the time the student presents himself

for registration for graduate courses. If the student contemplates entering upon candidacy for an advanced degree he should announce in his application his choice of a major field of study.

Students eligible for admission to the Graduate School who wish to further their education without reference to a higher degree will be admitted to the Graduate School and may elect any course for which they can satisfy the prerequisites.

REGISTRATION

Persons who are not registered as students in the University and who are not members of its administrative or teaching staffs, shall not be admitted to regular attendance in University classes.

TIME AND PLACE OF REGISTRATION

All students are expected to register on the days set apart for registration at the beginning of each semester or term of the University.

Freshman registration for the year 1932-33 will take place, with all necessary assistance, in the Field House during Freshman Week, Thursday, Friday, and Saturday, September 8, 9, and 10.

Upperclassmen will register for the year 1932-33 on Monday and Tuesday, September 12 and 13.

All upperclassmen register in the Field House, with the exception of students in the College of Engineering and School of Mines, who register in Mechanical Hall; students in the College of Law, who register in the Law Building; and medical students, who register in the Medical Building.

Immediately upon completion of their registration, all students are expected to pay their fees at the office of the Financial Secretary in Science Hall.

FRESHMAN WEEK

Freshman Week activities were inaugurated at the University in September, 1929. The days set apart for these events in 1932 are September 8, 9, and 10. Attendance at these exercises is required of every entering freshman. A program of lectures, directions to entering students, exercises, and recreation is arranged to enable freshmen to adjust themselves the more easily to the environment of University life. Every freshman should be on the Campus and report at the meeting in Commencement Hall at nine o'clock in the forenoon of Thursday, September 8, 1932.

MEDICAL EXAMINATION

During registration week all male freshmen will report at the Field House for assignment of lockers and baskets, for appointment for physical and medical examinations, and for physical achievement tests.

Freshmen women will report during registration week at Elizabeth Moore Hall for similar examinations and tests.

These examinations and tests will be the guide in the selection of a proper program of physical education for individual students.

COLLEGE CREDIT DEFINED

A college credit or semester-hour represents the amount of work done in one semester (18 weeks), in one recitation hour with two preparation hours a week. From two to three hours of laboratory work are considered equivalent to one hour of recitation, according to the amount of outside work assigned in connection with the laboratory hours.

NUMBERING OF COURSES

Courses offered in the various colleges and schools of the University are numbered so as to indicate the rank (freshman, sophomore, junior, senior, or graduate) of the students for whom they are intended, as follows:

1 to 99—for freshmen and sophomores
100 to 199—for juniors and seniors
200 to 299—for undergraduates and graduates
300 to 399—for graduates only

MAXIMUM AND MINIMUM WORK

The maximum and minimum number of hours per semester as well as the maximum number of hours per year for which a student may register during the regular session of the University is as follows:

	Minimum Hours per Semester	*Maximum Hours per Semester*	*Maximum Hours per Year*
Agriculture	14	20	....
Arts and Sciences	14	18	34[1]
Education	....	18	35
Engineering and Mechanic Arts	14	20	....
Home Economics	14	18	34
Law	13	16	....
Medicine	17	20	....
Mines, School of	14	20	....
Music	14	18	34
Pharmacy	14	20	....
Physical Education:			
Freshmen	14	20	32
All others	14	20	38

A student may carry courses not in excess of 6 hours' credit[2] each term of the Summer Session, but any student who, during the last semester or full Summer Session in residence, has earned 2½ honor

[1]Exclusive of one hour of physical education per semester.
[2]Five hours in the College of Law.

points (Arts and Sciences standard) for each hour of registration may petition the Committee on Scholarship of the college concerned to take work not in excess of 8 hours. However, only 6 hours of credit shall be allowed unless the student shall maintain a general standing entitling him to 2½ honor points for each hour of registration.

A student desiring to do irregular work, more or less than the prescribed number of hours in any college, must obtain permission from the Committee on Scholarship in his college. This permission is not valid until it has been reported to the Registrar for record.

Registration for more than the specified maximum work shall be permitted only for the removal of conditions or better adjustment of schedules, and not in any case for the purpose of shortening the time regularly required for the work of the degree sought by the student.

LATE REGISTRATION

No student will be permitted to register in the University after the eighteenth day of a semester or the ninth day of either term of the summer session, without the special permission of the dean of the college which he proposes to enter. No student registering late will be permitted to enroll for more hours of work than the number of weeks in actual attendance without the permission of the Committee on Scholarship of the college concerned.

SUBSTITUTION FOR REQUIRED COURSES

A student who desires to substitute another course in place of any course prescribed in his curriculum or required for the degree toward which he is working, must obtain permission for such substitution from the Committee on Scholarship in his college, but there can be no substitution from group to group.

VISITORS

Students who are registered in the University may be permitted to attend classes as visitors, provided they shall have obtained the written permission of their advisers and of the instructors in the classes they desire to visit. Members of the administrative or teaching staffs, or other regular employees of the University, may be permitted to attend classes as visitors, provided they shall have obtained the written permission of the heads of their departments and of the instructors in the classes which they desire to visit.

No record shall be kept of the work and attendance of persons admitted to classes as visitors and no credit shall be given for their work in such classes.

Persons eligible to attend classes in the University as visitors may obtain the proper permission blanks from the Registrar.

WITHDRAWAL FROM THE UNIVERSITY

A student who desires to withdraw from the University must apply to the Registrar for permission. When the withdrawal permit has been obtained it must be presented by the student to his adviser for his approval and signature. It must then be filed by the student in the Registrar's office. See page 84 for provisions regarding refunds.

Students who withdraw from the University without permission will at the end of the semester receive a grade of "F" in each of the subjects for which they are registered and will be indefinitely suspended from the University. Students may not withdraw from the University or from any of the classes for which they are enrolled in the last two weeks of the semester.

UNIVERSITY FEES AND EXPENSES

REGISTRATION FEES

All fees are due and payable at the Financial Secretary's office on the day of registration.[1] All students registering during the academic year 1932-1933, or during the Summer Session of 1932, pay the following fees:

FULL-TIME STUDENTS[2]

	Resident[3]	*Non-Resident*
Regular Academic Year (per semester):		
In the Colleges of Agriculture, Arts and Sciences, Education, and Engineering and Mechanic Arts; the Graduate School and the School of Mines; and the Division of Physical Education ..	$32.50	$107.50
In the College of Law and the School of Medicine (including Pharmacy)	57.50	182.50
In the School of Music—candidates for degrees in music	100.00	100.00

[1]Students who have not paid their fees before the close of office hours of the second Saturday following the opening of a semester or a summer term, shall be dropped from the rolls of the University, and the Registrar shall notify their instructors that their class cards are to be withdrawn.

[2]A full-time student is one who is registered for 10 or more semester-hours of work during each semester of the regular academic year, or for 4 or more semester-hours of work during each term of the Summer Session. A full-time student during the regular academic year receives a student activity book which entitles him to admission to all out-door athletic events and, by the payment of an additional nominal amount at each event, entitles him to admission to all in-door athletic events held in the Field House. A full-time student during the regular academic year or during the Summer Session is entitled to free medical consultation and advice from the University physician. A moderate charge is made for room-calls, a bed in the Infirmary, x-rays and special laboratory tests, or for drugs furnished by the University Pharmacy.

[3]Students under 21 years of age are considered to be resident students if, at the time of their registration, their parents or legal guardians have been residents and citizens of the State for at least one year. Students 21 years of age or over are considered to be resident students if, at the time of their registration, they themselves have been residents and citizens of the State for one year.

Summer Session:[4]		
One term only	25.00	35.00
First and second terms	30.00	40.00

PART-TIME STUDENTS[5]

	FOR EACH SEMESTER HOUR	
	Resident[3]	*Non-Resident*
Regular Academic Year:		
In the Colleges of Agriculture, Arts and Sciences, Education, and Engineering and Mechanic Arts; the Graduate School and the School of Mines; and the Division of Physical Education	$ 3.00	$ 8.00
In the College of Law and the School of Medicine (including Pharmacy)	4.00	12.50
Summer Session:		
In all colleges, schools, and divisions, except the College of Law, the School of Medicine (including Pharmacy), and the School of Music[6]	5.00	7.00

SPECIAL FEES

Late Registration Fee[7]	$ 2.00
Diploma Fee[8]	10.00
Student's Record Fee[9]	1.00
Junior Certificate	1.00

[4]This fee, which covers matriculation, incidentals, laboratory charges, and medical service, is the only fee required, except in the College of Law, the School of Medicine, and the School of Music (applied music), where tutition fees are charged.

[5]A part-time student is one who is registered for fewer than 10 semester-hours per semester during the regular academic year; or for fewer than 4 semester-hours per term during the Summer Session.

[6]This fee covers matriculation, incidentals, and laboratory charges, and is the only fee required, except in the College of Law, the School of Medicine (including Pharmacy), and the School of Music (applied music), where tuition fees are charged.

[7]As a reward for prompt registration, this fee is not charged students who procure class cards during the regular registration days set forth in the calendar on page 5. Students whose work is exclusively in music are excused from payment of the $2 late registration fee.

[8]The diploma fee is payable by all students at the beginning of the semester or term in which they expect to receive their degrees or diplomas.

[9]This fee is charged for furnishing a copy of a student's record in the Registrar's office after the regular semester or term reports have been issued.

SCHOOL OF MUSIC FEES

1. STUDENTS REGISTERED FOR DEGREES IN THE SCHOOL OF MUSIC:
   Students registered for degrees in the School of Music shall pay a fee of $100 a semester.

2. SPECIAL STUDENTS REGISTERED IN THE SCHOOL OF MUSIC:
   (a) *Theory Courses*—Special students registered in the School of Music for theory courses in music shall pay $5 per credit-hour for these courses.

   (b) *Applied Music*—Special students registered in the School of Music for courses in applied music shall pay tuition fees as follows:

	FOR EACH SEMESTER *Lesson Per Week*		
Voice:	*One*	*Two*	*Three*
Head of Department	$35	$55	$70
Piano:			
Head of Department	35	55	70
Assistant	25	40	
Violin:			
Head of Department	25	40	
Orchestra Class—1 hour	5		
Pipe Organ	30	50	
Ensemble:			
Public School Music—class of 4	5		
Piano Majors	20		
Piano Sight Playing—class of 4, 1 hour per week	10		

   (c) *Special Work in Another College or School*—Special students registered in the School of Music who take special work in another college or school of the University shall pay music fees plus the regular rate per credit-hour for the work they are taking in another college or school.

3. STUDENTS REGISTERED IN OTHER SCHOOLS AND COLLEGES:
   (a) *Theory Courses*—Students registered in other schools and colleges of the University may enroll for theory courses in the School of Music without paying additional fees.

   (b) *Applied Music*—Students in other schools and colleges of the University who enroll for one or more courses in applied music shall pay the regular fees required in the school or college in which they are registered plus the fees paid by special students in the School of Music for the courses for which they are registered in the School of Music.

4. PIANO AND PIPE ORGAN PRACTICE:
   (a) *Piano for Practice*—one hour a day, will be furnished at $6 a semester; two hours a day at $10 a semester; three hours a day at $14 a semester; four hours a day at $18 a semester.

   (b) *Pipe Organ Practice*—one hour a day at $10 per semester.

DEPOSITS

Students using property of the United States government in the Division of Military Science and Tactics, and those in various laboratory courses where expensive or fragile apparatus is used, are required to make a deposit to cover breakage and other loss. The unexpended balance of the deposit is returned to the student at the close of the semester.

The deposits required are as follows:

Breakage Deposit in Chemistry	$6 to $ 8
Breakage Deposit in Pharmacy	10
Military Science Deposit	10

REFUNDING OF FEES

A student who withdraws regularly[1] from the University may arrange for a refund of fees by submitting to the Financial Secretary his original fee receipt bearing an endorsement by the Registrar stating that his withdrawal has been regular, together with the unused portion of his Student Activity Book. Fees will be returned in accordance with the following schedule:

	Amount of Refund
During the first and second weeks	All fees less $2.50
During the third and fourth weeks	80 per cent of fees
During the fifth and sixth weeks	60 per cent of fees
During the seventh and eighth weeks	40 per cent of fees
Beginning with ninth week	No refunds allowed

COST OF A YEAR'S WORK

A student's text-books will cost from $10 to $40 a year, and his registration fees $65 to $115 if a resident; or $215 to $365 if a non-resident. Students in engineering will use drawing instruments costing from $15 to $25. The laboratory breakage deposit fee in chemistry ranges from $6 to $8, about $2 of which is usually returned at the end of the year. In military science, there is a $10 deposit required to cover military equipment in the custody of the student, practically all of which is returned to the student when he accounts for his equipment. Board and room may be obtained at from $300 to $350 a year. A student's washing will cost from $18 to $24 a year. Traveling expenses, clothing, and other miscellaneous items will depend largely upon the tastes and habits of the individual student. In general, however, it may be said that the legitimate cost of a nine months' term of residence at the University ranges from $500 to $800 a year.

[1]See page 81, under the caption "Withdrawal from the University."

DEGREES

All University degrees are conferred by the Board of Governors upon recommendation of the Faculty. Degrees are granted at the close of the term or semester in which the students complete their work.

Candidates must be present in person to receive their degrees unless excused by the Board of Governors.

BACCALAUREATE DEGREES

CREDITS AND HONOR POINTS REQUIRED

Less than 6 hours in an ancient or modern language will not be counted toward any University degree, diploma, or certificate unless work in the same language has been offered for entrance.

Six hours of English composition and rhetoric (English 1 and 2) are required of all candidates for the bachelor's degree in all colleges, schools, and divisions.

Four hours of military science and tactics are required of all freshman and sophomore men not specifically exempt.[1]

Two hours of physical education for men, to be taken during the first year in residence, and four hours of physical education for women, to be taken during the first and second years in residence, are required for graduation of students presenting fewer than 58 semester hours, unless previous credit has been allowed.

For statement of the number of hours of credit required for each baccalaureate degree, see page 87 under the caption "Classification of Students."

Where the honor point system is in use, a student must receive at least as many honor points as credits in order to be eligible for graduation, except in the College of Law and the College of Education. The College of Law requires 50 honor points. The College of Education requires a general average of 1 honor point per credit-hour in all subjects plus a general average of 1.2 honor points per credit-hour in two teaching fields and in Education.

In the College of Arts and Sciences, the College of Agriculture, the College of Education, and the School of Music, students may decrease the total number of hours required for graduation by doing work of a superior quality. For each 8 honor points[2] in excess of 1 honor point per credit-hour, the number of credit-hours required for graduation shall be diminished by one. This does not, however, excuse students from courses required for the degree.[3]

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[1]See page 56.

[2]In the College of Education, 10 honor points; in the School of Music, 15 honor points.

[3]For further description of the honor point system see pages 89 and 90.

REQUIREMENTS AS TO RESIDENCE

Students who come to the University from other colleges or universities are advised to make the transfer not later than the beginning of their third year and in no case will a student who matriculates in the University later than October 1 in any year be permitted to receive a degree at the next Commencement.

In special cases students who desire to leave the University at the close of their third year to enter another institution with the purpose of taking a combined course leading to two degrees or of preparing for graduate study may, upon application beforehand to the Committee on Scholarship of the college in which they are registered, be permitted to do the work of the fourth year, or a part thereof, at such other institution and to receive the bachelor's degree from the University upon the presentation of the proper credits.

Except in the College of Law, no student will be granted a bachelor's degree from this University who has not done either a total of 90 hours of his work or the last 30 hours[1] of it in actual residence at the University.

No student may receive the degree of Bachelor of Laws without at least one year of residence in the University and the successful passing of courses aggregating 28 hours pursued in the College of Law.

WORK DONE OUT OF RESIDENCE

It is the policy of the University to discourage the taking of regular residence courses *in absentia.* In the case of courses begun at the University and not completed because of illness or for other acceptable reasons, however, permission to complete the work *in absentia* under the direction of the regular University instructors giving the courses may be granted by the Committee on Scholarship; but in such case credit should be given only upon report of a grade of not less than "C" on final examination.

The foregoing regulation does not apply to University extension courses.

ADVISER

Each student, upon entering the University, is assigned to an adviser, whose duty it is to assist the student in his registration, keep a record of his work, and report his registration and standing to the Registrar as required. The adviser approves the student's program of studies, sees that all prescribed work is taken in proper sequence, approves the selection of elective courses, and assists the student generally in so planning his course of study that he may proceed systematically and without conflicts. Changes in registration must always have the approval of the adviser. The student will look to his adviser for guidance in all matters pertaining to his work.

[1]For the degree of Bachelor of Science in Education, at least 10 hours of the residence work must be in education.

CLASSIFICATION OF STUDENTS

The following is a statement of the number of semester-hours required for classification as second-year, third-year, and fourth-year students and for graduation, according to the curricula in the several colleges, schools, and divisions. First-year students must satisfy the requirements for admission as set forth on pages 72 to 77.

COLLEGE AND DEGREE	Hours Required to Classify As: Second Year Student	Third Year Student	Fourth Year Student	Hours Required for Degree
ARTS AND SCIENCES				
Bachelor of Arts (A. B.)				
Regular	25	58	92	128
Combined (Medicine)[1]	32	66	100	135
Combined (Law)[2]	25	60	96	124
Bachelor of Science (B. S.)				
In Public Health	34	71	109	144
Combined (Medicine)[3]	32	66	101	142
Combined (Pharmacy and Medicine)[4]	36	72	110	186
AGRICULTURE				
B. S. in Agriculture (B. S. Agr.)	26	64	100	144
B. S. in Home Economics (B. S. H. E.)	25	58	92	128
EDUCATION				
B. S. in Education (B. S. Ed.)	....	58	94	130
ENGINEERING[5]				
Bachelor of Science (B. S.)	27	60	94	131
B. S. in Chem. Eng'g. (B. S. Ch. E.)	30	70	110	150
B. S. in Civil Eng'g. (B. S. C. E.)	30	70	110	150
B. S. in Elec. Eng'g. (B. S. E. E.)	30	70	110	150
B. S. in Mech. Eng'g. (B. S. M. E.)	30	70	110	150
B S. in Indus. Ed. (B. S. I. E.)	27	60	94	133
LAW				
Bachelor of Laws (LL. B.)	22	50	.....	84
SCHOOL OF MINES[5]				
B. S. in Eng'g. of Mines (B. S. E. M.)	30	70	110	150
SCHOOL OF MUSIC				
Bachelor of Music (B. Mus.)	34	68	102	136
Bachelor of Science in Music Education (B. S. Mus. Ed.)	32	66	98	130
SCHOOL OF MEDICINE—Courses in Pharmacy				
B. S. in Pharmacy (B. S. Phar.)				
Retail Pharmacy	36	72	108	143
Industrial Pharmacy	36	72	107	145
DIVISION OF PHYSICAL EDUCATION				
B. S. in Phys. Ed. (B. S. Phys. Ed.)	24	60	94	128

[1]Fourth year in School of Medicine.
[2]Fourth year in College of Law.
[3]Third and fourth years in School of Medicine.
[4]Fourth and fifth years in the School of Medicine.
[5]Students matriculating with 58 or more hours of credit may graduate with 148 hours, since physical education is not required of these students.

GRADUATE DEGREES

The degree of Master of Arts (A. M.) is offered by the Division of Social Sciences and the Division of Education.

The degree of Master of Science (M. S.) is offered by the Division of Industrial Sciences and the Division of Biology and Agriculture. In addition, the degrees of Master of Science in Chemical Engineering (M. S. Ch. E.), Master of Science in Civil Engineering (M. S. C. E.), Master of Science in Electrical Engineering (M. S. E. E.), Master of Science in Mechanical Engineering (M. S. M. E.), and Master of Science in Engineering of Mines (M. S. E. M.) are conferred by the Division of Industrial Sciences.

The degree of Doctor of Education (Ed. D.) is offered by the Division of Education only.

The degree of Doctor of Philosophy (Ph. D.) is offered by all divisions of the Graduate School.

PROFESSIONAL ENGINEERING DEGREES

The following professional degrees are conferred upon graduates of the College of Engineering and Mechanic Arts of West Virginia University on the basis of practical experience and study in absentia, the presentation of a thesis, and an oral final examination:

Chemical Engineer (Ch. E.)
Civil Engineer (C. E.)
Electrical Engineer (E. E.)
Engineer of Mines (E. M.)
Mechanical Engineer (M. E.)

EXAMINATIONS AND REPORTS

COURSES

As a rule, all courses extend through one semester only.[1]

EXAMINATIONS

Mid-Semester and Final Examinations. In practically all courses offered in the University, the student receives both a preliminary or mid-semester grade and a final grade. The mid-semester standing of a student is based on the daily recitation grades and a special test given during one or more regular recitation periods. Mid-semester grades are not entered on the Registrar's records. The final grade is based on the class standing for the entire semester and on a written final examination[1] to

[1]In the College of Law, all courses extend either throughout the entire year or through one semester. No credit will be given for less than an entire course except by special order of the Committee on Scholarship. Grades given at the end of the first semester in courses extending throughout the year are merely indicative of the quality of work done by the student to that point and do not give credit for the part of the course so far pursued. Such first semester grade may be considered in determining the final grade.

[2]See 12 per cent rule under "Absences" on page 91.

which a special period of two or three hours is devoted, except that the manner of determining the final grade of seniors and graduate students provisionally approved for graduation at the end of the semester or term is left with the head of the department. Any student not satisfied with his grade, however, has the right to take the examination with his class if he so desires.

Examination Periods. Mid-semester examinations are held during the regular academic year only, and usually during the week of each semester immediately preceding the day for mid-semester reports as set forth in the University Calendar. Final examinations are held during the last week of each semester of the academic year, and during the last two days of each term of the Summer Session.

Absence from Examination. Students are required to take all regular examinations. If a student attends a course throughout the semester and is absent from examination without permission, the instructor shall count the examination as zero and report the final grade as *F*. If, in the opinion of the instructor, the absence of the student was for a satisfactory reason, the fact will be recorded on the students class ticket, the grade of *I* will be returned, and the student may, upon application to the instructor, take the examination at a later date.

SCHOLASTIC STANDING

Marking System:

The student's scholastic record for a semester is indicated by the following marking system in use at the University:[1]

A—excellent (given only to students of superior ability and attainment)
B—good (given to those students who are well above the average but who are not in the highest group)
C—fair (average students)
D—poor but passing
E—Condition
F—failure
I—incomplete
WP—withdrew passing
WF—withdrew failing

Honor Points:

The quality of a student's work shall be indicated by honor points in all colleges and schools except the College of Engineering and Mechanic Arts, the School of Mines, the School of Medicine and the Graduate School.

[1]In the College of Law, a student who has received a grade of *D* in any course is privileged, but not required, to take the next regular examination in that course in order to raise his grade to one which carries with it honor points. The sign + after the grades *A*, *B*, or *C* will be used to indicate differences in standing between students receiving the same letter grade. In the Graduate School, no credits are acceptable toward an advanced degree with a rank lower than *C*.

A tabulation, showing the number of honor points, if any, and the grades for which they are given in the various divisions of the University follows:

Grade	*A+*	*A*	*B+*	*B*	*C+*	*C*	*D*	*F*
College of Arts and Sciences	....	3	....	2	....	1	....	....
College of Agriculture	....	3	....	2	....	1	....	....
College of Engineering	....	....	....	....	....	....	....	....
Colege of Law	6	5	4	3	2	1	....	—1
College of Education	....	3	....	2	....	1	....	....
School of Medicine	....	....	....	....	....	....	....	....
School of Music	....	3	....	2	....	1	....	—1
School of Mines	....	....	....	....	....	....	....	....
Division of Physical Education	....	3	....	2	....	1	....	....

Conditions and Failures:

If the final grade of a student in any course is "F" it is recorded as a "failure," and the student must take the course again if he desires to receive credit for it. If the final grade is "I" it is recorded as "incomplete." If a grade of "I" is not removed within the following semester by the satisfactory completion of the work of the course it becomes a failure. A student receiving a grade of "E" may be given a second examination in the subject in which such grade is received, provided he applies for it at the time of his registration. A grade of "E" not removed within the following semester becomes a failure unless special permission to postpone the examination is obtained from the Committee on Scholarship of the college in which the student is registered. If the final grade after a second examination is again "E" it is recorded as a "failure." No grade higher than "C" shall be reported for the removal of a condition.

REPORTS

Mid-semester grades are reported to students' advisers and to deans, but are not recorded in the office of the Registrar.

Final grades are reported by instructors to students' advisers and by them directly to the Registrar's office.

A report of each student's work is made at the close of the semester or Summer Session either to the student himself or to his parents or guardian.

DISCIPLINE

The rules and regulations which students are required to observe are few, simple, and reasonable: civil and orderly conduct; punctuality and regularity in attendance upon all required exercises; reasonable diligence in the performance of the work prescribed; and abstinence from vices.

Students who do not comply with these requirements will not be allowed to remain in the University.

All matters of discipline are in charge of the President of the University in consultation with the dean of the college or head of the division of the University in which the student concerned is enrolled.

ABSENCES

Each instructor shall be responsible for the attendance of students in his classes, and shall report an excessive number of absences to the dean of the college in which the student is registered for such action as may be deemed advisable.

University men who find it necessary to be absent from classes by reason of absence from Morgantown while the University is in session must obtain permission in advance from the Dean of Men, and University women from the Dean of Women.

If a student's absences in any course exceed 12 per cent of the total number of recitations in the course he is barred from taking the final examination unless special permission to take such examination is given him by the dean of the college concerned and by the instructor.

DELINQUENT STUDENTS

The dean of each college shall make suitable and effective provisions for handling delinquent students registered in his college, subject to the general regulations.

PROBATION AND SUSPENSION

Any student who fails to make a passing grade in courses amounting to at least half of the total number of semester hours for which he is registered shall, unless restored to probationary standing, be suspended from the University for the succeeding semester, except that a freshman subject to the operation of this rule at the end of one semester in residence shall be placed on probation for the succeeding semester.

If, however, the student is enrolled in the School of Medicine, or if the failure resulted from the abandonment of any class, or from withdrawal from the University without permission, or from absence from examination without reasonable excuse, the suspension becomes indefinite.

If a student suspended by the operation of the above rule re-enters the University and again becomes subject to it, his suspension becomes indefinite.

Any student who fails to make a passing grade in courses amounting to at least half of the total number of semester hours for which he is registered, as shown by the preliminary or mid-semester report, shall be placed on probation for the remainder of the semester.

The dean of each college shall make periodic reports of the problems arising from delinquent students to the Council of Administration.

All actions of the Committee on Scholarship and the dean of the college that affect the standing of a student shall be reported by the dean to the Registrar.

DUTIES OF INSTRUCTORS

Instructors shall report the names of delinquent students to their respective advisers at the beginning of each school month except the month in which a mid-semester examination occurs and at such other times as the occasion may arise.

In the event that a student who has not been previously reported for delinquency fails in a subject, the instructor must report to the student's dean the reason for the failure.

No report should be made by an instructor until after a conference with the student. If the delinquency is a minor or temporary one, the instructor may await the result of his conference before reporting. Delinquent reports should include all failures to make a passing average and unsatisfactory work on the part of those who are capable of doing a higher grade of work.

All reports shall be made on special blanks and a copy of the report should be given to the student.

DUTIES OF ADVISERS

All advisers, upon the receipt of the delinquent report, shall have a conference with the student concerned and shall endeavor to make such recommendations and adjustments as may be within their power.

If the delinquency is due to continued wilful neglect or to failure in one-half of the work for which the student is registered, the adviser shall report the case to the dean of his college, who may, at his discretion, place the student under the jurisdiction of the Committee on Scholarship, and thereafter the adviser shall carry out the orders and instructions imposed by the dean or the Committee.

DUTIES OF THE COMMITTEE ON SCHOLARSHIP

The Committee on Scholarship shall have authority to proceed according to its best judgment in regard to delinquent students referred to it for its consideration.

All orders of the Committee shall become effective when approved by the dean of the college.

In the exercise of its authority, the Committee shall not suspend a student during a semester except for wilful neglect and in cases where the student's class grades are so low that further class attendance would be a waste of time. No suspension shall become effective until approved by the dean of the college.

STUDENT MARRIAGES

If any student under the age of 21 years, who has not been previously married, intends to marry within the school year, he or she must obtain the consent of the parents[1] or guardian, before such marriage shall be celebrated, in accordance with the provisions of section 8, chapter 48, revised Official Code of West Virginia, 1931.

In order to insure obedience to both the letter and the spirit of this statute and the policy of the University such student must, not less than one week before the celebration of said marriage, show satisfactory evidence to the Dean of Men (or the Dean of Women in case the student is a woman) that the consent of the parent or guardian as required by that statute has been obtained.

In the event that such student does not make such showing to the Dean of Men or Dean of Women, whether the marriage be celebrated within or without the State, he or she shall, from the date of the celebration of such marriage, be automatically suspended, and may only be reinstated upon showing satisfactory reason to the Council of Administration why he or she failed to comply with this regulation.

Where both parties to the marriage are students and one has not complied with the above rule, both shall be suspended as provided above.

[1]Or of the parent living, or, if the parents be living separate and apart, of the one to whom was awarded the custody of such person.

STUDENT WELFARE

CONVOCATION

Convocation is held every Wednesday morning at ten o'clock in Commencement Hall, under the direction of the Chaplain. No classes or University exercises are held at this hour, and opportunity is afforded for all members of the University, both instructors and students, to attend the meeting. The hour is occupied by lectures and addresses, discussions of student interests and problems, and the consideration of questions relating to the general University welfare.

In connection with the weekly Convocation, brief devotional exercises are held. The singing at these exercises is in charge of the Director of the School of Music. Attendance is entirely voluntary.

THE DEAN OF WOMEN

All of the interests of the women students in the University are in charge of a special executive officer of the University, the Dean of Women. She is a member of the Committee on Women Students and the Committee on Social Affairs. The Dean's office is in Elizabeth Moore Hall.

THE DEAN OF MEN

The Dean of Men is the contact officer between the Administration and the men students of the University. He exercises a friendly supervision over the moral, social, and intellectual life of undergraduates. He is a member of the Committee on Social Affairs. The Dean's office is in Martin Hall.

THE STUDENT COUNCIL

The Student Council is the governing board of the student body. It is considered a standing committee of the student body and is empowered to carry out all actions resolved upon. All actions of the Student Council are binding upon the student body, except that privileges of a referendum are available under special provision.

The Student Council is composed of nine members, elected annually, by the student body. These members are as follows: the President of the student body who is an ex-officio member; the presidents of the freshman, sophomore, junior, and senior classes; two members (man and woman) of the junior class (elected as sophomores); and two members (man and woman) of the senior class (elected as juniors).

A secretary and a treasurer of the Student Council are appointed annually by the Student Council from its own membership.

WOMEN'S STUDENT GOVERNMENT ASSOCIATION

All women students of the University are members of the Women's Student Government Association. The purpose of this Association is to regulate all matters pertaining to the student-life of its members; to further in every way a spirit of friendliness and unity among the women of the University; to increase their sense of responsibility; and to be a medium for maintaining a high scholastic standard.

The responsibility for directing the work of the Association rests with the Executive Council which is composed of the following members: a president, two vice-presidents, a secretary, a treasurer, and a representative from each class. These officers are elected annually by the Association.

The Committee on Women Students,[1] appointed by the President of the University, serves as the Advisory Board for the Association.

In 1921 the Association was admitted to active membership in the Intercollegiate Association of Student Government for Women Students.

RELIGIOUS FOUNDATIONS AND SOCIETIES

FOUNDATIONS

As at most state university centers, various State and national church boards have established at West Virginia University foundations for the religious education and nurture of students. Four men, known as University pastors, center their work in these foundations, counselling students and looking after student interests. For the promotion of common ends, the foundations are grouped into an organization, with student representatives, known as the Council of Religious Agencies. Individual Faculty men act as advisers. The churches of Morgantown extend a warm welcome to students of all faiths. The physical plant and equipment of each church is available for social, educational, and recreational activities of students.

NEWMAN HALL, 1481 University avenue, is the center established by the West Virginia diocese of the Roman Catholic Church for students of that and other faiths. The Rev. Father John J. O'Brien is the resident chaplain. Newman Hall is a beautiful building of English collegiate architecture, immediately adjacent to the Campus. It is equipped with dormitory facilities for 20 students, and also includes a chapel, dining room, lounge, game room, and library.

HILLEL FOUNDATION, 348 High street, has as its director Rabbi Henry E. Kagan. The center provides social rooms, auditorium, and a game room. Nationally-known lecturers are brought to the Campus by this organization. Debating and dramatic clubs are organized and classes

[1]Page 34.

in religious education are conducted. The West Virginia University center is one of a great national organization of such groups established for the welfare of Jewish and other students.

TRINITY HOUSE, 233 Willey street, under the direction of the Rev. William Gregg Gehri, rector of Trinity church, is the center for welfare and social activities sponsored by the West Virginia diocese of the Protestant Episcopal Church in its program for students in the University. This Church was the pioneer in establishing a student center at the University. The original project was housed in the building now used as the Woman's Hall Annex.

BAPTIST STUDENT CENTER, 544 Spruce street, offers facilities for recreational, social, and religious work among University students. The Rev. Julius Fishbach, pastor of the First Baptist church of Morgantown, is in charge of the center.

WESTMINSTER FOUNDATION, 466 High street, is conducted by the Rev. J. Leslie French as the official representative of both the Northern and Southern synods of the Presbyterian Church of West Virginia. Westminster House is a social and educational center for University students. It has dormitory facilities for 14 women students, social parlors, class rooms, and a counselor's office.

WESLEY FOUNDATION, 136 Willey street, has as its pastor the Rev. Durward Brown. Wesley House provides social, class, and committee rooms, and a small dormitory for women students. It is the headquarters for Methodist Episcopal students. A varied program of social, educational, and religious activities is offered.

OTHER CHURCHES, while not having special buildings and workers, carry on an important work in ministering to the religious and social needs and welfare of University students of their particular faiths as well as many of still other faiths.

SOCIETIES

YOUNG WOMEN'S CHRISTIAN ASSOCIATION is a voluntary group of women in the University organized for the purpose of promoting and directing widely varied activities for a religious motive.

Through its national and international organizations, the Y. W. C. A. joins in fellowship with students throughout the World. Membership in the Campus organization is open to all women students in the University who are in agreement with its purpose. Each year representatives of the Campus "Y" are sent to all intercollegiate conferences at Forest Park and elsewhere. The Y. W. C. A. headquarters are located on the second floor of Elizabeth Moore Hall.

KAPPA PHI is the national Greek letter organization for Methodist Episcopal women students. The headquarters of the local chapter are in Wesley House.

PHI CHI DELTA, an organization sponsored by and for Presbyterian women students, has a chapter on the University campus. The former local organization, which successfully petitioned for the chapter of the national sorority, was called the Westminster Girls' Club.

GIRLS FRIENDLY SOCIETY is an organization composed largely, but not exclusively, of members of the Protestant Episcopal Church. The University campus is the scene of various social, educational, and religious activities of a branch of the national organization.

THETA EPSILON, is a Greek letter organization on the University campus for women students who are members of the Baptist Church. This organization is of recent inception. It holds its meetings in Elizabeth Moore Hall.

COSMOPOLITAN CLUB is an organization, non-sectarian in nature, composed, largely, of students in the University who are natives or citizens of foreign countries. The aims of the organization are fellowship, moral and social welfare, and the promotion of international understanding.

STUDENT SOCIAL LIFE

The social life of the students in the University is under the general supervision of the Committee on Social Affairs. This Committee has supervision of every social function given by the University or by any organization within it, including fraternities, sororites, and other student societies. Such social functions as balls, dances, picnics, excursions, and receptions are supervised by this Committee. The Committee approves all dance programs, supervises the issuance of invitations for functions of a general University nature, and sees that all social affairs held in the University are properly conducted.

PHYSICAL EDUCATION

Physical training and hygiene are under the supervision of the Division of Physical Education.

Two hours of physical education for men, to be taken during the first year in residence, and four hours of physical education for women, to be taken during the first and second years in residence, are required for graduation of students presenting fewer than 58 semester hours, unless previous credit has been allowed.

Each student who is required to register for physical education is given a complete medical and physical examination at the beginning of the University school year to determine his general fitness for active participation in University activities.

Students who have physical defects or who, for some other reason, are physically incapable of engaging in a regular physical education program, will have exercises prescribed to fit the needs of each.

SERVICE PROGRAM FOR MEN

The courses offered in this department are designed to meet the needs of the men of the University for an organized program of recreation during their period of residence in the University. It is the threefold purpose of the department, (1) to develop skill in from one to twelve recreational activities which can and will be engaged in in leisure time after the period of residence in the University; (2) to establish habits of regular participation in outdoor or indoor physical activity; and (3) to establish favorable attitudes toward wholesome play.

Physical Education 1 and 2 will meet the University requirement of 2 hours' credit in physical education as a prerequisite for graduation of all students subject to this requirement.

During registration week all freshmen will report at the Men's Field House for assignment of lockers and baskets, and for appointment for physical and medical examination and physical achievement tests. These examinations and tests will be the guide in the selection of a program of physical education for the individual student. See Bulletin of the Department of Service Program for Men.

SERVICE PROGRAM FOR WOMEN

The courses offered in this department are designed to meet the needs of the women of the University for an organized program of recreation during their period of residence in the University. The University provides four semesters of physical education of three periods each week. These periods cover indoor and outdoor work as well as lectures on personal hygiene.

Each female student subject to the above requirement must learn to swim and to play skillfully one highly organized sport and one individual sport, must meet a definite standard in rhythm, and must gain a knowledge of hygiene in relation to wholesome living.

INTRAMURAL ATHLETICS FOR MEN

The Department of Intramural Athletics for Men is organized as one of the departments of the Division of Physical Education. It is the aim of this department to encourage the entire student body of the University to participate in organized athletic sports and wholesome, active recreation. Competition will be promoted between student groups, faculty groups and individuals. The units which are now the natural groups on the campus, such as class, fraternity, and unorganized or non-fraternity groups, will form the basis for activities in competitive sports and recreation. It is the aim of the department to foster a spirit of fair play and good sportsmanship in all competition.

All students regularly enrolled in any department in the University shall be eligible to enjoy the intramural privileges, except that they must satisfy certain eligibility requirements for the various activities. All students who are members of the Varsity or freshman squads in a sport, or who have earned a Varsity award (WV) in a sport, shall be ineligible for intramural competition in that particular sport. All students who have won a varsity award in a sport from another institution of college rank shall be ineligible for intramural competition in that particular sport. Winning a Varsity award in one sport such as basketball will not bar a student from participation in another intramural sport such as baseball. See Handbook of the Department of Intramural Athletics.

All competitions conducted by the Department are under the control of the Administrative Board, composed of the Director of Physical Education, Director of Intramural Athletics, Director of the Service Program for Men, Director of Intercollegiate Athletics, Supervisor of Activities, and the senior managers. The coaches of the various Varsity sports are ex-officio members of the Administrative Board and vote on questions of eligibility or protests which concern the particular sport they may coach.

The following activities are conducted during the fall season: speedball, cross-country and wrestling. Other activities may be promoted during this season when there is sufficient interest on the part of the students and where facilities are available. Leagues will be organized to accommodate classes, fraternities and non-fraternity or unorganized groups.

The following activities are conducted during the winter season: basketball, indoor track, relays, bowling, basketball free-throwing, handball, and wrestling. Arrangements will be made later for intramural competition in swimming.

The following activities are conducted during the spring season: tennis, playground baseball, baseball, horseshoes, and outdoor track and field.

INTRAMURAL ATHLETICS FOR WOMEN

The Women's Athletic Association, together with the Women's Department of the Division of Physical Education, sponsors all the intramural athletic activities for women. It is the aim of these two groups to encourage all women students to participate in organized sports as a recreational activity. Competition takes place between the organized groups on the Campus such as sorority, dormitory, church, independent, and class groups.

All women enrolled in the University are eligible to play in any intramural tournament, provided they satisfy the eligibility requirements

which are: (1) All freshman women must play with their dormitory, church, or independent team, and not with the sorority to which they are pledged. (2) Only two physical education majors may play on any one team. Inter-class tournaments in volleyball, basketball, baseball, and field and track are held each year for the professional students in physical education.

The following activities are conducted: during the fall season—horseshoes and volleyball; during the winter season—ring tennis, swimming, badminton, basketball, and ping-pong; during the spring season—tennis, baseball, archery, and track and field. As the demand for more activities develops, the facilities will be increased and the program broadened.

HEALTH SERVICE

In September, 1929, the Health Service, maintained for University students during the regular and summer sessions, was placed under the administration of the Division of Physical Education. It is organized to provide medical service to the students of the University as well as to supervise the health conditions of the Campus. Each full-time student, during the regular academic year or during the Summer Session, is entitled to free medical consultation and advice from the University physician. A moderate charge is made for room-calls, a bed in the Infirmary, x-rays and special laboratory tests, or drugs furnished by the University Pharmacy.

The University maintains a student infirmary,[1] in which are located the offices of the physicians and nurses and a five-bed ward for limited treatment. This is not to be construed as a general hospital service for the student body, nor does the University render nursing service at the rooms of the students. The student nurse is available only for such services as may be rendered at the Infirmary.

Students wishing to avail themselves of the Health Service are expected to call at the office of the University physician in the Infirmary. The physician's office hours are from 9 a. m. to 12 noon and from 2 p. m. to 5 p. m. daily except Sunday.

The University Pharmacy is in the basement of Woodburn Hall. Prescriptions may be filled between 11 a. m. and 12 noon every day except Sunday, and between 2:30 p. m. and 4:30 p. m. every day except Saturday and Sunday.

[1]For a brief description of the Infirmary, see page 68.

INTERCOLLEGIATE ATHLETICS

The Department of Intercollegiate Athletics is under the supervision of the Director of Intercollegiate Athletics and the Athletic Board, composed of the Director, two members of the Faculty, two University alumni, and two students. Football, baseball, basketball, boxing, wrestling, track, cross country, and tennis teams are organized and trained each season. All intercollegiate athletics are under the control of the Council of Administration. Questions of athletic eligibility are determined by the Faculty, through the Athletic Board.

EMPLOYMENT SERVICE

An employment service for women students is maintained in the office of the Dean of Women for the assistance of earnest, capable, and worthy applicants. Prospective women students, desiring information on the subject before their arrival in Morgantown, should address Miss Ruth D. Noer, Dean of Women, West Virginia University.

Male students desiring work may avail themselves of the employment bureau maintained in the office of H. E. Stone, Dean of Men, West Virginia University, where application blanks may be filed before arrival in Morgantown, or after enrollment.

Unless absolutely necessary, freshmen should not attempt to do work, in addition to regular University curricular work, in self-support, at least until after mid-semester grades have been received. Experience has made it clear that only the exceptional student can engage in "outside" work or activities during the first semester without danger of scholastic failure.

TEACHERS' PLACEMENT BUREAU

The College of Education in cooperation with other departments of the University maintains a Placement Bureau which makes available to school officials the credentials of students and alumni who are candidates for school positions. The facilities of the Bureau are available to students in both the regular and summer sessions. No charge is made for this service.

Blanks for registration will be furnished upon application. The regular annual enrollment in the Bureau takes place the second week in February.

While a conscientious effort is made to place all worthy applicants, no one is assured a position. General letters of recommendation are not given to candidates. Information in the files of the Bureau is regarded as confidential. The Bureau cannot undertake to furnish copies of its records to commercial or other private placement bureaus.

PHARMACISTS' REGISTER

A pharmacists' register for the benefit of both the employer and employee has been established by the department of pharmacy. No charge is made for services rendered.

FELLOWSHIPS, SCHOLARSHIPS, AND LOAN FUNDS

Several individuals, as well as national patriotic, educational, fraternal, and religious organizations, have established fellowships, scholarships, loan funds, prizes, trophies, and medals for students in the University. Very few of these are available to freshmen.

FELLOWSHIPS

D. A. BURT FELLOWSHIPS—Five graduate fellowships, bearing an annual compensation of $500 each, have been established by the Hon. D. A. Burt. These fellowships are open only to residents of the state of West Virginia.

RESEARCH FELLOWSHIPS IN COAL MINING—Two research fellowships in coal mining, each carrying an anual stipend of $750, have been established. The duration of these fellowships is two years each and they are awarded in alternate years. Research fellowships in other lines of investigation, supported by private companies, are available from time to time. The holders of these research fellowships are members of the Engineering Experiment Station Staff and are required to spend one-half their time on Station projects and the other half on graduate study.

AMERICAN GAS ASSOCIATION (NATURAL GAS DIVISION) FELLOWSHIP—One fellowship, carrying an annual stipend of not less than $500, is available to properly qualified graduate students whose major interest lies in the field of production, processing, or utilization of natural gas.

COLUMBIAN CARBON FELLOWSHIP[1]—One fellowship, carrying an annual stipend of $840, paid in monthly installments for twelve months, has been established by the Columbian Carbon Company for research in the field of technology of carbon black.

CHEMICAL FOUNDATION FELLOWSHIP IN SANITARY ENGINEERING—One fellowship, bearing a yearly compensation of $600, established by the Chemical Foundation, is available to qualified graduate students in chemical, sanitary, and civil engineering.

SCHOLARSHIP IN TENOR VOICE

For the purpose of fostering the development of musical talent among students in the School of Music, Director Black each year contributes without charge to the possessor of a suitable tenor voice private lessons in voice of the value of $110.

[1]Not available during 1932-33.

LOAN FUNDS

AMERICAN BANKERS ASSOCIATION FOUNDATION FOR EDUCATION IN ECONOMICS LOAN SCHOLARSHIPS—The American Bankers Association Foundation for Education in Economics has assigned to West Virginia University three scholarships of $250 each. These scholarships will be "awarded only to deserving students of integrity, intelligence, character, competency, and aptitude, whose means of support are dependent wholly or in part on their own labor, to enable them to continue the study of courses in banking and economics in classes of junior grade or above. Scholarship of the highest rank will not be a definite requirement for a loan scholarship award; however, the Foundation desires to encourage students who will become leaders in professional or business life and does not wish loan scholarships granted to mediocre or inferior students." The holder of one of these scholarships is eligible for one re-appointment. The loan is without interest until the first day of the second January after the recipient leaves the University. Beginning on that date, interest accrues at the rate of five (5%) per cent per year, and repayment of both principal and interest in sums of not less than $10 monthly must likewise then begin.

WALTER HAINES SOUTH MEMORIAL SCHOLARSHIP—To perpetuate the name of her deceased brother, a graduate of the University, Mrs. Frederick J. Knutti of Morgantown has recently created The Walter Haines South Memorial Scholarship. This scholarship, open to deserving boys, involves a total of $500 per annum. This fund has been placed in the hands of the West Virginia University Student Loan Fund Corporation for administration. Under the plan of operation of this fund, some one person will be selected who will receive the entire amount of this scholarship fund, without interest, while he is an undergraduate. The amount lent will be repaid over a period of four years after graduation.

THE J. D. FINLEY LOAN FUND—A fund of $1,000 has been contributed to the University by the trustees of the estate of the Hon. J. D. Finley of Pittsburgh, Pa., in accordance with his last will and testament, to be used as loans to deserving students in the School of Medicine.

THEODORE SMITH LOAN FUND—On Sunday afternoon, April 13, 1930, Theodore Smith, a sophomore in mining engineering, was drowned in an accident that occurred while he was canoeing on the Monongahela river, just below Lock No. 10. The tragic death of this popular student disclosed the fact that he was being financed through the University by the Hon. James Ellwood Jones. The youth, a person of high honor, had voluntarily taken out a life insurance policy of $2,000 with Mr. Jones as beneficiary. The payment of the amount of the policy was a distinct surprise to Mr. Jones, who had helped the young man with no expectation of and no agreement providing for repayment. In deference to the

memory of Theodore Smith, Mr. Jones turned the $2,000 over to the University for the establishment of the Theodore Smith Loan Fund to perpetuate the youth's name.

REVOLVING LOAN FUND FOR MEN—A revolving fund to meet financial emergencies that come to college men was established in October, 1931. About a thousand dollars was raised by public subscriptions of faculty members, students, business men, and alumni.

The General Committee in charge of this fund includes the president of the student body, the editor of the Athenaeum, and the dean of men. Dean H. E. Stone, founder of the fund, is treasurer.

Loans are made in small amounts and for short periods of time. No loans from this fund are made until after registration.

LOAN FUNDS FOR WOMEN—There are several loans available to women at West Virginia University. These have been provided by various agencies interested in higher education for women.

Students should do no more borrowing than is absolutely necessary, but it is often wiser for students of good scholastic ability to borrow rather than to carry a burden of work so heavy as to interfere with good scholastic performance.

Loans are available in amounts varying from $50 to $400, preference being given to junior and senior students. Applications for loans may be made through the office of the Dean of Women.

PRIZES, TROPHIES, AND MEDALS

PRIZES

Awards for prizes in the University are made in accordance with the following rules:

No composition, in whole or in part shall be submitted in competition for two prizes.

Only students pursuing courses leading to baccalaureate degrees are eligible for any prize offered, except for the James F. Brown prize.

No student shall be eligible to enter any contest who has not been a resident student in this University for at least one semester preceding the semester in which the contest is to be held, and who, unless he be a competitor for the James F. Brown prize, is not a resident student in good standing in the University in the semester in which the contest is held.

No successful contestant may become for a second time a competitor for the same prize.

If in any contest the judges find no manuscript of sufficient merit, there shall be no award of the prize for that year.

Students intending to compete in any essay-writing contest must notify the chairman of the Committee on Prizes not later than March

15. Three typewritten copies of each essay must be in the hands of the chairman of the committee not later than May 15.

The conditions upon which the awards in the several contests are made may be learned upon application to the President's office, or to the members of the Committee on Prizes.

THE WILLIAM JENNINGS BRYAN PRIZE—The Hon. William Jennings Bryan, before his death, gave a sum of money, the actual income of which is offered as a prize to the student in the University who shall write the best essay on some subject in the science of government. The amount of the prize for the present is $21. The subject assigned for the year 1932-33 is: "West Virginia and the Presidential Election of 1896."

THE TAX COMMISSION PRIZE—The honorable members of the State Tax Commission of 1902, namely, W. P. Hubbard, Henry G. Davis, John K. Thompson, L. J. Williams, and J. H. Holt, gave the sum of $1,350, later increased by unawarded sums to $1,500, the income of which is to be used annually as a prize for the "best original work bearing on matters of taxation in West Virginia." The conditions of the competition are determined by the Council of Administration. The amount of the prize at present is $90. The subject assigned for 1932-33 is: "Inheritance Tax Evasion and Its Prevention."

THE JAMES F. BROWN PRIZE—The Hon. James F. Brown, an alumnus of the University, "with a desire to stimulate the young men of the State to fuller consideration of the 'inalienable right' of mankind, and especially those guaranteed by the Constitution of the State and of the United States," has contributed $5,000 to the University, the income of which is to be "used as a prize for the best essay or paper each year on the subject of the individual liberties of the citizens as guaranteed by the Constitution." The income may be given as a single prize, or it may be divided into a first and second prize. For the present the award will be made as a single prize, $300 in amount. Any senior or any graduate of any college of the University, within one year after receiving any bachelor's degree, may compete for this prize, but no holder of any graduate degree may become a competitor. The subject assigned for 1932-33 is: "The Invasion of Personal Liberty by Administrative Action."

THE NATIONAL ASSOCIATION OF DRUG CLERKS PRIZE—Annual prizes consisting of life-memberships in the National Association of Drug Clerks, valued at $20 each, are awarded pharmacy seniors for the highest scholarship attained in pharmacy, chemistry, and materia medica.

THE KAPPA PSI PRIZE—Beta Eta chapter of Kappa Psi, pharmaceutical fraternity, awards annually a prize of $10 to the first-year student in the Department of Pharmacy who has made the best scholastic record at the end of the first semester.

THE WEST VIRGINIA STATE PHARMACEUTICAL ASSOCIATION PRIZE—The West Virginia State Pharmaceutical Association offers to the student making the best set of drawings in Pharmacy 10 a set of more than 170 crude drugs, in separate boxes, contained in a large cabinet. Each box is labelled with the correct Latin title, common name, and habitat. This prize is valuable to the student in pharmacy; especially so in the study of pharmacognosy.

THE AMERICAN LAW BOOK COMPANY PRIZE—The American Law Book Company has continued its offer of a set of Corpus Juris complete to date to the student in the course in Use of Law Books who makes the highest grade in the series of tests furnished by the Company.

THE WAITMAN BARBE MEMORIAL PRIZE—The English Club of West Virginia University offers an annual prize of $25 in memory of Waitman Barbe, poet, scholar, and adviser of the English Club during his long term of service on the Faculty. The prize shall be awarded to some student regularly enrolled as a junior or senior in West Virginia University, for creative work in the field of literature, either in prose or poetry or both. The minimum length of such composition must be 4,000 words in prose or 100 lines in poetry.

THE BOARD OF GOVERNORS MILITARY ESSAY PRIZE—The Board of Governors of West Virginia University each year offers a prize of $50 to the Cadet in the Division of Military Science and Tactics "who shall write the best essay on preparation against war."

TROPHIES

THE INTER-FRATERNITY SCHOLARSHIP TROPHY—Professor Arleigh Lee Darby of the Department of Romance Languages and Literatures offers a silver cup known as the Inter-Fraternity Scholastic Trophy. It is awarded at the end of the University year to the fraternity having the highest average scholarship standing for that year and is to remain in the possession of that fraternity during the following year. The cup becomes the permanent property of the fraternity that first wins it five times.

THE ORDER OF B'NAI B'RITH TROPHY—The Hillel Foundation of the Order of B'nai B'rith offers a cup to the fraternity on the Campus having the highest scholastic standing for the year regardless of whether or not the fraternity holds membership in the Inter-Fraternity Council. There are at present 25 organizations eligible to compete for this trophy. The Hillel Foundation offers also a smaller trophy which accompanies the larger one and which becomes at once the property of the fraternity which wins possession of the larger trophy.

THE ALFRED JARRETT HARE TROPHY—Professor Alfred Jarrett Hare offers a silver cup to the sorority which has the highest scholastic standing for the year.

THE GEORGE C. BAKER TROPHY—The Hon. George C. Baker, graduate of the College of Law, offers a silver loving cup, possession of which is awarded each year to the Club Court in the College of Law winning the inter-club competition.

THE A. G. SPALDING TROPHY—The A. G. Spalding Company, Pittsburgh, Pa., branch, offers a handsome trophy to the fraternity scoring the highest number of points in the all-year athletic competition for fraternities. This trophy becomes the permanent possession of the organization winning it once.

THE SPORT SHOP TROPHY—Mr. Carl P. Leatherwood, graduate of the University and a former four-sport Varsity athlete, offers a handsome trophy to the fraternity scoring the second highest number of points in the all-year athletic competition for fraternities. This trophy becomes the permanent possession of the organization winning it once.

THE MORGANTOWN POST TROPHY—The Morgantown Post, evening newspaper, offers annually a trophy which is symbolic of the interfraternity championship in basketball and is the permanent possession of the organization winning it once.

THE SPRING FOOTBALL TROPHY—The Department of Intramural Athletics of the Division of Physical Education offers a handsome trophy to the individual making the best showing in the Spring football practice of the Varsity squad. This trophy is awarded on the following basis: (1) improvement in practice; (2) attitude; (3) attendance; (4) probable value to next Fall's Varsity.

A committee consisting of the Head Coach of Football and his assistants and the football Captain shall judge as to whom the award shall be made. Individuals who have a Varsity letter in football shall not be considered eligible for the award.

MEDALS

THE BOARD OF GOVERNORS MILITARY MEDALS—The Board of Governors of West Virginia University offers the following medals as special rewards for excellence in military training: (1) To the Cadet having the highest record for shooting on the University rifle team, a gold medal; (2) to the Cadet having the second highest record for shooting on the University rifle team, a silver medal; (3) to the Cadet on the freshman rifle team with the highest aggregate score, a bronze medal; and (4) to the Cadet having the best record for military training and discipline, a gold medal.

THE LEHN AND FINK MEDAL—Through the generosity of Lehn and Fink, manufacturing chemists of New York City, the Department of

Pharmacy awards each year to the senior pharmacy student who, in the opinion of the Faculty of the Department of Pharmacy, attains the highest scholarship, a gold medal. The medal is appropriately engraved.

THE WALTER E. DANDY MEDAL—In 1926, Dean John N. Simpson of the School of Medicine established the Walter E. Dandy Gold Medal to be awarded to the student of the graduating class of the School of Medicine who is judged by the Faculty to be the most excellent.

In making this award, the factors of personality and adaptability, as well as marks in the different courses will be taken into consideration.

HONOR SOCIETIES

PHI BETA KAPPA. The Alpha of West Virginia Chapter of the Phi Beta Kappa Society is established at the University. Stated meetings or public exercises of the society are held twice annually: the anniversary meeting on December 5, and the annual meeting during Commencement Week. The honor of membership may be conferred upon candidates for the degree of Bachelor of Arts who have maintained a high scholarship rank during their college course; also upon members of the Faculty and alumni of the University, and upon distinguished citizens of the State.

SIGMA XI CLUB. The national organization of the Society of the Sigma Xi is represented in the University by the Sigma Xi Club of West Virginia University. The purpose of the national society and of the local club is the encouragement of scientific research.

TAU BETA PI. The West Virginia Alpha chapter of the national engineering honor association of Tau Beta Pi was established in the College of Engineering in 1922. Students who rank in scholarship among the upper one-eighth of their class are eligible to election in their third year and all who rank among the upper one-fourth of the class are likewise eligible in their fourth year. These together with alumni and honorary members constitute the chapter.

ALPHA ZETA. The West Virginia chapter of Alpha Zeta, the national agricultural honor fraternity, was instituted in the College of Agriculture in 1921. Sophomores and upper classmen who maintain high standing in scholarship and rank among the upper two-fifths of their respective classes are eligible to membership.

PHI UPSILON OMICRON. The Lambda chapter of Phi Upsilon Omicron, one of the national professional organizations in home economics, was established at the University in November, 1923. Its purpose is to promote the moral and intellectual development of its members, to help to develop leadership, and to advance home economics. Membership is open to juniors and seniors in home economics who rank in the upper two-fifths of the class in scholarship.

PHI LAMBDA UPSILON. Tau chapter of Phi Lambda Upsilon, national chemical honor fraternity, was established at the University in 1924. The chief object of the society is the promotion and protection of high scholarship and original investigation in all branches of pure and applied chemistry. Seniors and juniors who have attained a high standard of scholarship and character are eligible for membership in the chapter.

SIGMA GAMMA EPSILON. Upsilon chapter was established at West Virginia University in 1927. The fraternity has for its objects the social, scholastic and scientific advancement of its members, the extension of the relations of friendship and assistance between the universities and scientific schools with recognized standing in the United States and Canada, and the upbuilding of a national college society devoted to the advancement of geology, mining, metallurgy, and ceramics. Seniors and juniors in the courses indicated, who have attained high scholarship rank are eligible for membership.

ORDER OF THE COIF. A chapter of the Order of the Coif, a national law school honor society, was installed in 1925. Its members are selected by the Law faculty from the 10 per cent of the senior class in the College of Law ranking highest in scholarship.

PHI EPSILON PHI. Phi Epsilon Phi, botanical honor fraternity, was founded at West Virginia University in 1929. The fraternity has for its purpose the promotion of high scholarship, the inciting of interest in botanical research, and the encouragement of professional ideals. Seniors and graduate students who are engaged in botanical work and who have attained a high standard of scholarship and character are eligible for membership in the organization.

KAPPA TAU ALPHA. National journalistic honor society with scholarship standards similar to Phi Beta Kappa. The West Virginia chapter was established in 1930.

SIGMA PI SIGMA. Theta chapter of Sigma Pi Sigma, national physics honor fraternity, was installed in the University in 1929. The formal statement of the objects of the fraternity is: "To reward high scholarship and promote interest in the advanced study of physics, to stimulate individual research, and to enable its members to keep pace with the progress of science." A student elected to membership must be taking some course in physics at the time of his election. Graduate students who are taking advanced work in physics and related subjects are eligible for membership.

KAPPA DELTA PI. Kappa Delta Pi, national honorary educational society, installed Alpha Upsilon chapter at West Virginia University, July 21, 1927. Election to this fraternity is conditioned upon high scholarship and desirable personal and professional qualities.

OTHER UNIVERSITY ORGANIZATIONS

There are in the University various fraternities, sororities, societies, and clubs devoted chiefly to the social, educational, and athletic interests of the students. Some of the more important of these organizations are:

NATIONAL AND LOCAL GREEK LETTER SOCIETIES

SOCIAL FRATERNITIES

Men

Alpha Gamma Rho
Alpha Phi Delta
Alpha Sigma Phi
Beta Theta Pi
Delta Kappa Psi
Delta Tau Delta
Kappa Alpha
Kappa Mu
Kappa Sigma
Phi Alpha
Phi Delta Theta
Phi Kappa Psi
Phi Kappa Sigma
Phi Kappa Tau
Phi Sigma Delta
Phi Sigma Kappa
Pi Kappa Alpha
Pi Kappa Phi
Pi Lambda Phi
Sigma Chi
Sigma Nu
Sigma Phi Epsilon
Tau Kappa Epsilon
Tau Epsilon Phi
Theta Chi

Inter-Fraternity Council

Women

Alpha Delta Pi
Alpha Phi
Alpha Xi Delta
Chi Omega
Delta Gamma
Gamma Phi Beta
Kappa Kappa Gamma
Phi Mu
Pi Beta Phi
Sigma Sigma Sigma[1]
Theta Upsilon
Pan-Hellenic Association

PROFESSIONAL FRATERNITIES

Men and Women

Alpha Omega (Physical Education)
Beta Pi Theta (French)
Chi Sigma Delta (Economics)
Delta Phi Alpha (German)
Delta Sigma Rho (Forensic)
Eta Sigma Phi (Latin)
Kappa Beta Pi (Legal, Women)
Kappa Kappa Psi (Band)
Kappa Psi (Pharmacy)
Phi Alpha Delta (Law)
Phi Beta Pi (Medical)
Phi Delta Phi (Law)
Phi Sigma Nu (Local, Medical)
Sigma Pi Psi (Pharmacy)
Theta Kappa Psi (Medical)

[1]Local.

NATIONAL AND LOCAL ORGANIZATIONS

Sphinx (Senior, Men)
Mountain (Senior, Men)
Scabbard and Blade (Military)
English Club
La Tertulia (Spanish)
Engineering Society
Cadet Hop Association
University Bird Club (Zoology)
Rowan Rifles (Military)
Journaliers (Journalistic, Men)
Agricultural Council (Inter-Class)
Physical Education Club
Club Courts (Men, Law)
Torch and Serpent (Sophomore, Men)
Fi Bater Cappar (Men, Humorous)
University Band (Military)
University Vo-Ag Club
Anthony Dairy Club
Greyfriars
Red Dragon Casteliers (Military)
Block and Bridle (Agricultural)
Philosophy Club
Mortar Board (Senior, Women)
Beowulf Gedryht (English)
Dramatic Club
Rhododendron (Junior, Women)
Li-Toon-Awa (Sophomore, Women)
University Girls' Glee Club
University Choir
Order of the Coffin (Women, Law)
Orchesis (Women, Physical Education)
Matrix (Women, Journalistic)
Home Economics Club
Women's Athletic Association
Swimming Club (Women)
Press Club
Women's Athletic Council
University 4-H Club
Philhellenic Club (Inter-Sorority)
University Orchestra
Varsity Club (Letter Men)
Scientific Society
Greek Club
French Club (Entre Nous)
Council of Religious Agencies
University Grange

Student Branches of the following:
American Society of Civil Engineers
American Society of Mechanical Engineers
American Institute of Electrical Engineers
American Institute of Mining and Metallurgical Engineers

FACULTY ORGANIZATIONS

American Association of University Professors. The West Virginia branch of the American Association of University Professors now has a membership of more than fifty. The present officers are: Dr. Claude Carl Spiker, president; Mrs. Lily Bell Deatrick, secretary.

Faculty Club. The Faculty Club of the University organized on March 10, 1921, is composed of the teaching and research staff of the institution. The former residence of the late Dr. I. C. White, obtained by the University through the purchase of a large tract of land immediately adjacent to the Campus, has been converted into a club house and residence for the Faculty Club. Meals are served to members and their guests. The club rooms are a center for social activities of members of the Faculty.

Campus Club. The Campus Club, is purely a social organization made up of members of the Staff and their wives and husbands. The Campus Club holds meetings regularly twice each month, and special meetings and functions at other times.

Cornell Club. The Cornell Club is composed of resident Faculty members who hold degrees from Cornell University. Regular meetings are held by the organization, the purposes of which are largely social.

West Virginia Alumni Association of Johns Hopkins. The West Virginia Alumni Association of Johns Hopkins was founded in 1913 and holds annual meetings on February 22, the anniversary of the establishment of Johns Hopkins University. Graduates and former students of Johns Hopkins are eligible for membership. During 1931-32 Dr. Elizabeth M. Stalnaker is president, and Dr. Albert M. Reese is secretary.

PUBLICATIONS

UNIVERSITY PUBLICATIONS

The following publications are issued regularly at the University:

1. The West Virginia University Bulletins, issued monthly or semi-monthly during the University year. The series includes the Catalogue of the University, the Announcements of the various separate colleges, schools, and divisions, and the monthly Alumni Bulletins.

2. The various bulletins and circulars of the Agricultural Experiment Station.

3. The Bulletins of the College of Engineering and Mechanic Arts.

4. Circulars of the Agricultural Extension Division, including the Farm Women's Club leaflets, the 4-H Suggestions, the West Virginia Farm News (in cooperation with West Virginia Farm Bureau), and special pamphlets.

5. The West Virginia Law Quarterly, the official publication of the West Virginia Bar Association, edited by the Faculty of the College of Law.

6. The Proceedings of the West Virginia Academy of Science.

7. Agricultural News Service bulletins published weekly by the College of Agriculture.

STUDENT PUBLICATIONS

The Athenaeum, the tri-weekly University newspaper, is published by the journalism students. The editorial and managerial staff is elected by the student body.

The Monticola, student yearbook of the University, is published by the junior class.

All student publications are under the supervision of the Committee on Student Publications.

THE ALUMNI SECRETARY

Under the joint auspices of the University and the University Alumni Association an alumni secretary is employed who gives his full time to the promotion of the interests of the Association and the furthering of closer contact and cooperation between the University and its graduates and former students. Mr. Frank Roy Yoke of the class of 1903 is the present Alumni Secretary.

Part III

CURRICULAR REQUIREMENTS OF THE COLLEGES, SCHOOLS, AND DIVISIONS

THE COLLEGE OF AGRICULTURE

For the purpose of administration, the College of Agriculture is divided into four branches: the Agricultural Experiment Station, organized for research and experimental work; resident instruction in agriculture; resident instruction in home economics; and extension work in agriculture, home economics, and boys' and girls' club work, carried on by the Division of Agricultural Extension. The descriptive matter on the pages which follow outlines the curricular requirements for resident instruction in agriculture and home economics as well as the requirements for certification of teachers in these two fields. A more complete statement of the organization and purposes of the College of Agriculture, including a brief description of the work of the Agricultural Experiment Station and the Agricultural Extension Division, may be found on page 46.

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, requirements as to residence, classification of students, examinations, grades, and honor points, as set forth in the General Information section (Part II) of this Catalogue.

For courses of instruction, see pages 213 to 227.

AGRICULTURE

THE BACCALAUREATE DEGREE IN AGRICULTURE

The curriculum leading to the degree of Bachelor of Science in Agriculture is designed to provide a broad and well-grounded training in the general field of agriculture so that the student may be prepared for occupations requiring such general knowledge, and may have the foundation for such specialization as he may elect to pursue.

CREDITS, HONOR POINTS, AND REQUIRED SUBJECTS

The degree of Bachelor of Science in Agriculture may be conferred upon any student who satisfies the entrance requirements and offers 144 hours' credit for college courses, including all requirements set forth below.[1]

The student must receive at least as many honor points as credits in order to be eligible for graduation.

All of the courses for the first two years are definitely required as set forth in the curriculum which follows. Modification will be permitted only under very unusual circumstances and must have the sanction of the Committee on Courses and Hours. Students who are not required to take military science must substitute elective credits. Agriculture 5, required of students deficient in farm practice, must be completed before the third year. The attention of the student is also directed to the regulation which requires the completion of first year English, English 1 and 2 or their

[1]A student may decrease the total number of hours required for graduation by doing work of superior quality. For details of this plan, see page 85.

equivalent, before any upper-division courses may be pursued for credit towards the degree.

The required courses for the last two years are stated in the outlines of the four curricula. It is to be noted that, regardless of the curriculum chosen, Animal Husbandry 102, Dairy Husbandry 101, Horticulture 101, and Horticulture 102 are required of all students. Electives may be chosen without restriction as to college or department, with the approval of the advisory committee. However, the required and elective hours taken in the College of Agriculture must amount to no fewer than 60 hours in all. Provision is made for upper-division students who may wish to elect certain lower-division subjects such as languages.

Students may complete the requirements for the degree of Bachelor of Science in Agriculture by taking full work for two summer sessions (12 hours each) and three academic years, but only students of exceptional ability or mature age should undertake such a curriculum, which should be arranged in consultation with the adviser.

ADVISERS

The Dean of the College of Agriculture will act as adviser for all agricultural students and will assign students to other advisers whom he may designate.

CURRICULUM IN AGRICULTURE FOR FIRST AND SECOND YEARS

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Agriculture 1—Intro. to Agr.	1	Agriculture 2—Intro. to Agr.	1
Botany 1—General Botany	4	Botany 2—General Botany	4
Chemistry 3—Inorganic Chemistry	4	Chemistry 4—Inorganic Chemistry	4
English 1—Comp. and Rhet.	3	English 2—Comp. and Rhet.	3
Zoology 1—Invertebrate Zoology	4	Zoology 2—Vertebrate Zoology	4
Military Science	1	Military Science	1
Physical Education[1]	1	Physical Education[1]	1
	18		18

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*[3]	*Hrs.*
Agronomy 1—Farm Crops	5	Animal Husb. 1—Animal Nutr.	3
Chemistry 31[2]—Organic Chemistry	4	Agronomy 2—Soils	3
Economics 11—Prin. of Econ.	3	Farm Economics 12—Farm Econ.	3
Geol. 4—Geol. for Agr. Students	3	Entomology 2—Entomology	4
Botany 141—Bacteriology	3	Poultry 1—Poultry Husbandry	4
Military Science	1	Military Science	1
	19		18

[1]Only 2 hours of physical education in the service program will be accepted toward graduation in the College of Agriculture.

[2]Chemistry 233 may be substituted.

[3]In addition to the courses listed above, 2 hours in farm practice must be earned by students with insufficient farm experience. This requirement must be met before the beginning of the junior year (See Agriculture 5).

OPTIONAL CURRICULA FOR THIRD AND FOURTH YEARS

On completion of the work of the first and second years, the student may elect one of the following curricula: agricultural economics, animal industry, plant industry, or teacher training. Students desiring training in agriculture other than is provided by these curricula will be permitted to pursue a program of electives subject to the guidance and approval of the Committee on Courses and Hours.

CURRICULUM IN AGRICULTURAL ECONOMICS

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Animal Husbandry 102[1]—Livestock Produc. and Management	5	Hort. 102[1]—Principles of Hort.	4
Dairy Husbandry 101[1]—Prin. of Dairying	5	Farm Mechanics 153 — Farm Mechanics	3
Hort. 101[1]—Principles of Hort.	4	Plant Path. 107—Market Pathology	2
Farm Economics 131—Marketing Agricultural Products	3	Econ. 111—Money, Credit and Banking	3
		Electives	6
	17		18

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Vet. Sc. 102—Animal Pathology	3	Farm Economics 104 — Farm Management	3
Farm Econ. 233—Coop. Marketing of Agr. Products	3 or 4	Economics 112—Public Finance	4
Farm Economics 107 — Farm Records and Accounts	2	Farm Economics 218—Agricultural Statistics	2
Electives	10	Electives	9
	18 or 19		18

CURRICULUM IN ANIMAL INDUSTRY

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Animal Husbandry 102[1]—Livestock Production and Management	5	Animal Husbandry 203 — Advanced Animal Nutrition	3
Dairy Husbandry 101[1] — Principles of Dairying	5	Genetics 111[2]—Elementary Genetics	3
Physics 1 and 3—Introductory Physics	4	Physics 2 and 4—Introductory Physics	4
Electives	4	Electives	8
	18		18

[1]These courses are required of all students.
[2]If possible, Genetics 221 should be substituted.

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Veterinary Science 102—Animal Pathology	3	Dairy Husbandry 222 — Milk Production	4
Poultry Husbandry 103 — Advanced Poultry Husbandry	2	Animal Husbandry 161—Sheep and Wool Production	3
Horticulture 101[1]—Principles of Horticulture	4	Horticulture 102[1]—Principles of Horticulture	4
Electives	8	Electives	7
	17		18

CURRICULUM IN PLANT INDUSTRY

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Animal Husbandry 102[1]—Livestock Production and Management	5	Horticulture 102[1]—Principles of Horticulture	4
Dairy Husbandry 101[1] — Principles of Dairying	5	Physics 2 and 4—Introductory Physics	4
Horticulture 101[1]—Principles of Horticulture	4	Mathematics[2]	2 or 3
Physics 1 and 3—Introductory Physics	4	Electives	7 or 8
	18		18

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Botany 221—Plant Physiology	4	Electives	17
Plant Pathology 103—Economic Plant Pathology	3		
Genetics 221—Genetics	3		
Entomology 103—Economic Entomology	3		
Electives	5		
	18		

CURRICULUM IN TEACHER TRAINING

The State Board of Education has set up definite requirements applicable to all college graduates desiring to teach in West Virginia high schools. These requirements specify the kind and number of various science and agricultural courses as well as courses in professional education subjects, all of which are necessary to qualify graduates for certification. The following curriculum, which embodies such courses required for certification, is designed to prepare the qualifying student for a teaching career in the specialized field of vocational agriculture, with provision for teaching biology and general science as a second teaching subject.

[1]These courses are required of all students.
[2]The student may elect Mathematics 3, 4, or 11.

A complete statement of the requirements for certification to teach subjects related to agriculture will be found in the bulletin of the College of Education.

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Animal Husbandry 102[1]—Livestock Production and Management	5	Horticulture 102[1] — Principles of Horticulture	4
Dairy Husbandry 101[1]—Principles of Dairying	5	Farm Economics 104 — Farm Management	3
Horticulture 101[1] — Principles of Horticulture	4	*English 13 (or equivalent elective)	2 or 3
Plant or Animal Pathology	3	Agricultural Education 101—Problems of Rural Education, or Agricultural Education 233—Rural Organization	2 or 3
Farm Economics 107—Farm Records and Accounts	2	Farm Mechanics 152—Farm Shop Work	2
	19	Agricultural elective	3
		*Education 6—Educational Psychology	3
			19 or 20

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
*Physics 1 and 3—Introductory Physics	4	*Physics 2 and 4—Introductory Physics	4
*Education 9—Secondary Education	3	*Education 112 — Tests and Measures	2
Farm Economics 131—Marketing Agricultural Products	3	Public Speaking 11—Effective Speaking, or Journalism 1—Newspaper Reporting	3
*Physical Education 180—Public School Health	2	*Physical Education 178—Principles of Physical Education	2
*Agricultural Education 160—Materials and Methods of Teaching Vocational Agriculture	3	*Agricultural Education 224 — Student Teaching	4
Farm Mechanics 153—Farm Mechanics	3	*Agricultural Education 120—Principles of Vocational Teaching	3
	18		18

COURSES OF INSTRUCTION

For a detailed description of the courses in agriculture see pages 213 to 227.

*Required for teachers of vocational agriculture only. Students who wish to teach science or serve as county agents should substitute other courses approved by their advisers.

[1]These courses are required of all students.

HOME ECONOMICS

THE BACCALAUREATE DEGREE IN HOME ECONOMICS

The course leading to the degree of Bachelor of Science in Home Economics is planned for women students, and especially for those who wish to teach home economics in vocational schools and other institutions, or who wish to learn the business of home-keeping. To provide for this training, a curriculum is suggested. Sufficient electives are allowed to permit the student to qualify for vocational home economics, or to take special courses in agriculture, or to select other courses in which she is interested.[1]

CREDITS AND HONOR POINTS REQUIRED

The degree of Bachelor of Science in Home Economics will be conferred upon any student who satisfies the entrance requirements and offers 128 hours' credit for college courses, including all requirements set forth below.[2] The student must receive at least as many honor points as credits in order to be eligible for graduation. For a complete description of the honor point system see pages 85 and 89.

Of the 128 hours required for the degree, 82 hours are prescribed as indicated in the curriculum which follows. The remaining 46 hours must be elected from courses approved by the adviser. The required and elective courses in the subject of home economics must amount to no fewer than 40 hours in all.

ADVISER

The head of the department of home economics will act as adviser.

All students who wish to enter the University for the purpose of taking home economics should confer with the head of the department before registering.

COURSES REQUIRED OF ALL STUDENTS IN HOME ECONOMICS

Subject	*Hrs.*
English 1 and 2—English Composition	6
English literature	6
Chemistry	8
History	4
Biological science (including Botany 141)	10
Economics or sociology	4
Physical education	4
Total	42

[1]See page 47.

[2]A student may decrease the total number of hours required for graduation by doing work of superior quality. For details of this plan, see pages 85 and 89.

Home Economics—		
Foods	10	
Textiles and clothing	8	
Applied arts	8	
Home management	6	
Child development	2	
Electives	6	
Total		40
General electives		46
Total		128

CURRICULUM SUGGESTED

The curriculum given below is suggestive except as regards subjects, and may be varied by the adviser to meet the needs of individual students, but the curriculum indicates the subjects which are usually advised for students who desire to take major work in home economics.

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Home Economics 31	4	Home Economics 15	2
History 27	3	Home Economics 19	3
Chemistry 3	4	History 28	3
Physical Education	1	Chemistry 4	4
Home Economics 1	1	Physical Education	1
	16		16

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Botany 1[1]	4	Zoology 51	4
Home Economics 3	4	Home Economics 4	4
Electives[2]	4	Electives[2]	4
Physical Education	1	Physical Education	1
English	3	English	3
	16		16

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Home Economics 107	4	Home Economics 122	3
Home Economics 133	3	Home Economics 134	3
Sociology 101	3	Home Economics 240	2
Electives[3]	6	Sociology 108	2
	16	Botany 141	3
		Electives[4]	3
			16

[1]Zoology 1 and 2, or Biology 1 and 2, or Botany 1 and 2 are possible.
[2]Economics 1 and Psychology 1 suggested.
[3]Chemistry 31 suggested.
[4]Sociology 210—The Family—suggested.

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Home Economics 151	2	Home Economics 254	3
Electives	14	Electives	13
	16		16

TEACHER TRAINING CURRICULUM

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Home Economics 107	4	Home Economics 135	4
Sociology 101	3	Sociology 110	2
Education 106	3	Education 109	3
Home Economics 122	3	Education 120	3
Electives	3	Botany 141	3
	16	Home Economics 240	2
			17

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Home Economics 163	2	Home Economics 262	2
Home Economics 151	2	Home Economics 254	3
Home Economics 152[1]	3	Education 224[1]	3
Education 114	2	Education 112	2
Education (Elective)	2	Electives	6
Electives	5		16
	16		

Students who are looking forward to further work in nutrition as cafeteria managers or hospital dietitians should take Chemistry 31, 5, 6, and 222, Zoology 1 and 2, physiological chemistry, and Home Economics 105, 108, 215, 216, and 212.

Students who wish to do further work in clothing and textiles should take Chemistry 31 and 5, Economics 1 and 2, and Home Economics 125 and 226.

Students who wish to teach home economics must meet some one of the certificate requirements as specified under requirements for certification.

RECOMMENDATION FOR CERTIFICATION OF TEACHERS

Students who wish to obtain a high school certificate to teach home economics must meet the requirements of the State Board of Education, the College of Education, and the Department of Home Economics in the College of Agriculture. Recommendation for certification is made by the Department of Home Economics to the Dean of the College of Education.

[1]Home Economics 152 and Education 224 should be alternated.

Three types of high school certificates in home economics are possible: (1) for teachers of home economics only; (2) for teachers of home economics with a second teaching subject; and (3) for teachers of vocational home economics.

Students transferring from other institutions should ordinarily do so not later than the junior year. A minimum residence of the entire senior year is required and students with irregular schedules or who wish a second teaching subject will require a longer time. A suggestive curriculum is given on pages 121 and 122.

REQUIREMENTS FOR TEACHERS OF HOME ECONOMICS ONLY

I. COURSES (minimum hours)	*Hrs.*	*Total*
1. *English and Public Speaking*		12
2. *Science*		18
(a) chemistry	8	
(b) biology (including bacteriology)	10	
3. *Social Science*		12
(a) history (social and economic)	6	
(b) principles of economics	3	
(c) sociology (including family and child welfare)	3	
4. *Health and Physical Education*		6
5. *Education as prescribed for High School certificate*		20
6. *Home Economics*		40
Foods and Nutrition	12	
(a) food study including laboratory practice in food preparation (8 hrs.)		
(d) dietetics (4 hrs.)		
Textiles and Clothing	10	
(a) textiles (3 hrs.)		
(b) clothing selection and construction (7 hrs.)		
Applied Arts	8	
(a) principles of design (4 hrs.)		
(b) home planning and furnishing (4 hrs.)		
Home Management	8	
(a) economics of the household (3 hrs.)		
(b) mechanics of the household (2 hrs.)		
(c) home management house (3 hrs.)		
Child Care and Development	2	
7. *Electives*		20
Total		128

Such general subjects as English, chemistry, biology, and history should be completed before the third year. Economics courses should be completed by the close of the third year and should be prerequisite or parallel to home management courses. Chemistry courses should be prerequisite to all food courses. Biology and chemistry subjects should be prerequisite to courses in nutrition and dietetics.

II. SCHOLARSHIP:

A satisfactory quality of work with an average mark of C.

III. TEACHING ABILITY:

As demonstrated in a semester of directed teaching given in the University High School or other approved schools under supervision of the Department of Home Economics and the College of Education.

REQUIREMENTS FOR TEACHERS OF HOME ECONOMICS WITH A SECOND TEACHING SUBJECT

Students who wish to prepare for a second teaching subject with home economics may make the following combinations as prescribed by the State Board of Education:

1. *Home Economics and Biology*
   (a) In the above curriculum substitute in the electives 10 hours of biology to make the requirement of 20 hours of biology.
2. *Home Economics and Chemistry*
   (a) In the above curriculum substitute in the electives 8 hours of chemistry.
3. *Home Economics and Fine Arts*
   (a) In the above curriculum substitute 30 hours of fine arts.

No other combinations are possible with home economics.

REQUIREMENTS FOR TEACHERS OF VOCATIONAL HOME ECONOMICS

Students who wish to obtain the vocational home economics certificate must meet the requirements for the high school certificate to teach home economics only as well as for the vocational home economics certificate.

I. COURSES (minimum hours)	*Hrs.*	*Total*
General		
English and Public Speaking	12	
Chemistry	8	
Botany or Biology or Zoology, including Bacteriology	10	
History, Economics and Sociology	12	
Physical Education and Health	6	48
Professional		
Education 106, 109, 120, 112, 214, or their equivalent	13	
Education 163 and 224	5	
Electives	2	20
Technical		
Home Economics		
Foods and Nutrition	14	
Textiles and Clothing	10	
Applied Arts	8	
Home Management	8	
Home Economics in vocational schools	2	
Child Development	2	44
Electives		16
		128

II. SCHOLARSHIP:

A satisfactory quality of work. At least a mark of C.

III. TEACHING ABILITY:

Of superior quality, as demonstrated in a semester of directed teaching at the University High School and at approved vocational high schools under supervision of the Home Economics Department in the College of Agriculture and the College of Education.

IV. HOME-MAKING EXPERIENCE:

1. Residence in the University Home Management House of sufficient length to show the abilities necessary in the management of the home.
2. Home practice of satisfactory quality, or supervised project, or both.
3. Managerial abilities and standards of finished dishes as demonstrated by simple group feeding.
4. Child-care project.

V. PERSONALITY TRAITS:

A superior standard of personal characteristics as shown by rating scales and approved by the departmental staff.

COURSES OF INSTRUCTION

For a detailed description of the courses in home economics see pages 222 to 225.

THE COLLEGE OF ARTS AND SCIENCES

ORGANIZATION AND PURPOSE

The College of Arts and Sciences includes a lower division and an upper division. The lower division consists of the work of the first and second years, and the upper division consists of the work of the third and fourth years.[1]

MAIN OBJECTIVES

The curriculum of the College of Arts and Sciences has three main objectives:

1. GENERAL CULTURE. The work of the lower division is intended to complete what is usually termed "a general education." It rounds out the program of study pursued in the high school. It is based on the belief that the student should become familiar with different fields of knowledge to the end that he may select wisely the field for specialization. This general culture should include studies in English, at least one foreign language, natural science, and the social sciences. In the selection of subjects or groups in the lower division, the student should be guided somewhat by the nature of the subjects taken in the high school so that by the close of the second year the student will have a general acquaintance with various fields of knowledge.

Students who meet all of the requirements of the lower division will, upon application, be awarded the junior certificate in the College of Arts and Sciences. See curriculum for lower division, page 129.

2. OPPORTUNITY FOR SPECIALIZATION. The work of the upper division is intended to provide intensive study in one or two fields of knowledge. It is based on the belief that an educated man or woman should not only know the fundamentals of several branches of study but should have a rather thorough knowledge of some selected field. In the upper division, therefore, the student concentrates on a major and one or two minors.

3. A REASONABLE FREEDOM OF ELECTIVES. The curriculum of this college is sufficiently flexible to meet the needs and tastes of individual students without, at the same time, exposing the students to the disadvantages of a free elective system.

SPECIAL PROVISIONS FOR THOSE WHO ARE NOT CANDIDATES FOR DEGREES. Experience has shown that students whose average in all high school subjects was below 75%, or who ranked in the lowest one-fourth of the high school graduating class, or those who make a low score on the in-

[1]This organization became effective July 1, 1930, but students who entered this College prior to that date may either meet the new requirements or meet the requirements in effect prior to July 1, 1930.

telligence test, will probably not succeed in college work. Such students should generally not be encouraged to become candidates for a degree, or perhaps not even candidates for the junior certificate unless or until they demonstrate by work in this College that they are qualified for regular college work. Such students, as well as those who do not expect to spend more than one or two years in this College and who are not candidates for the junior certificate may, with the approval of the adviser, elect such lower division courses as they are qualified to pursue with profit.

ADVISERS

LOWER DIVISION. Each student in the lower division is assigned to an adviser who will assist in registration and who will have general supervision over the work of the student. Electives are chosen and changes in the program are made with the approval of the adviser. Students are urged to confer with advisers in respect to any difficulties or mal-adjustments in college life.

UPPER DIVISION. Each student in the upper division is assigned to an adviser in the department to which the major subject belongs. The program of study and all changes in class assignments must be approved by the adviser.

THE MAJOR SUBJECT

At the close of the second year the student must select as his major study one of the following subjects:

Botany	French	Mathematics	Sociology
Chemistry	Geology	Philosophy	Spanish
Classics	German	Physics	Zoology
Economics	History	Political Science	
English	Home Economics	Psychology	
Entomology	Journalism	Public Speaking	

TEACHING CERTIFICATES

The College of Education is authorized by the Board of Governors to recommend all applicants for teaching certificates.

Teaching certificates may be secured by students registered in the College of Arts and Sciences as well as by students registered in the College of Education, provided they meet the requirements for teaching subjects as outlined by the College of Education (or the State Department of Education).

For specific requirements in regard to teaching fields see the Bulletin of the College of Education.

Candidates for the A. B. degree who wish to qualify for teaching certificates should indicate this fact to their adviser and plan their entire course with this in view. Unless this is done by the end of the freshman year, students may encounter difficulties in qualifying for the certificate by the time that they receive the degree.

REQUIREMENTS FOR DEGREES

GENERAL REQUIREMENTS FOR ALL DEGREES

MODERN LANGUAGE. Fewer than 6 hours in an ancient or modern language will not be counted towards any degree, diploma, or certificate in this College unless work in the same language has been offered for entrance.

ELECTIVES. At least 6 hours must be taken in each subject offered as an elective, but not more than 9 hours in isolated courses of less than 6 hours each, elected with the approval of the adviser, may be offered.

Work not to exceed 15 hours in the College of Law, the College of Agriculture,[1] the College of Engineering and School of Mines,[2] the School of Music, or the Division of Physical Education,[3] or 20 hours in the College of Education, may be included in the list of elective credits offered by students in the College of Arts and Sciences. The total number of hours elected from other colleges shall not, however, exceed 24 hours in all.

MAJOR SUBJECT. The maximum amount of credit allowed in any one subject is ordinarily 36 hours. Subject to the approval of the Scholarship Committee, the amount of work in the major may be extended, but in no case shall it exceed 54 hours in any department.

REQUIREMENTS FOR BACHELOR OF ARTS DEGREE

The Bachelor of Arts degree in the College of Arts and Sciences is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance, college, and departmental requirements, and completes any one of the following courses of study:

A. Regular Course (128 hours)
B. Pre-Medical Course (132 hours)
C. Combined Courses:
   (a) Arts and Law (124 hours)
   (b) Arts and Medicine (135 hours)

Students transferring to West Virginia University from other institutions should ordinarily do so not later than the beginning of the

[1]The agricultural electives include Agricultural Education 101, 134, 168 and 233; Agronomy 1 and 2; Animal Husbandry 1, 102, and 222; Dairy Husbandry 101; Farm Economics 12; Horticulture 101 and 102; and Poultry Husbandry 1. In addition the following courses are regular electives in the College of Arts and Sciences: Farm Economics 131, Dairy Husbandry 218, and all courses in entomology, genetics, and plant pathology.

[2]The engineering and mining electives include Chemical Engineering 205, 206, 220, and 221; Civil Engineering 1, 2, 3, 10, and 115; Electrical Engineering 100, 101, 102, 103, 200, 201, 202, 203, 205, and 206; Industriail Education 101, 103, and 105; Mechanical Engineering 20, 22, 23, 24, 26, 29, 207, 221, 222, and 226; Mechanics 101, 102, and 104; Mining Engineering 106 and 203. In addition to the above, the student may elect with the consent of his adviser, when his major in physics, Mechanical Engineering 1 to 14 and 105 to 107 (10 Hrs.).

[3]The electives in physical education are Physical Education 75, 76, 78, 150, 166, 167, 175, 276, and 277.

third year. Such students must meet all the requirements of the lower division. All deficiencies for the junior certificate must be met as soon as possible after admission to this College, whereupon such student may register regularly in the upper division.

A. REGULAR COURSE (128 HOURS)

Four years in the College of Arts and Sciences

Lower Division Curriculum

(a) GENERAL UNIVERSITY REQUIREMENTS.
Military Science (men)[1]—4 hours.
Physical Education (men)[2]—2 hours.
Physical Education (women)[2]—4 hours.

(b) NATURAL SCIENCE. At least 8 hours of a laboratory science chosen from the following list: botany, chemistry, geology, physics, zoology, biology.

(c) FOREIGN LANGUAGE. The purpose of this requirement is to provide the student with a reading knowledge of at least one foreign language. The minimum requirement is 12 hours in not more than two languages. The language work should ordinarily be a continuation of that done in high school to the point where the student has a fair reading knowledge of that language. For good and sufficient reasons a language other than that taken in high school may be substituted with the approval of the adviser. A student who contemplates a complete college course and possibly graduate work should, while in the lower division, acquire a reading knowledge of one language and the beginning course in a second language. Ordinarily these languages should be French and German. Some of the student's elective hours may be used to supplement the minimum requirement of 12 hours in a foreign language.

(d) ENGLISH COMPOSITION. Ordinarily 6 hours of English composition (English 1 and 2) will be required of all freshmen. In case a freshman is not qualified to meet the requirements in English 1, as shown by placement or other tests, he (or she) will be assigned to English 1C, which carries 3 hours of University credit. Upon the successful completion of the work in English 1C the student will register for the regular work in English 1.

(e) ADDITIONAL. At least 6 hours in each of three of the following:
(1) English (additional to d), Journalism, or Public Speaking.

[1]Military science is required of all male students except those who at the time of matriculation are 23 years of age or have completed not less than 58 hours of work, and all who have credit for 4 hours of military science or 1 unit of entrance credit in military academy.

[2]Two hours of physical education for men, to be taken during the first year of residence, and four hours of physical education for women, to be taken during the first and second years in residence, are required for graduation of students presenting fewer than 58 semester hours, unless previous credit has been allowed.

(2) Foreign language (additional to c).
(3) Mathematics.
(4) History.
(5) Political Science.
(6) Economics or Sociology.
(7) Philosophy and Psychology.
(8) Home Economics.
(9) Natural Science (additional to b).

(f) HOW TO STUDY. Students whose average in all high school subjects was below 75%, or who ranked in the lowest one-fourth of the high school graduating class, will be required to register for the course, *How to Study*, given under the direction of the Department of Psychology. The course carries 2 hours of credit. It may be elected by any freshman.

(g) ELECTIVES, under the supervision of the adviser, to make a total of 64 hours. Ordinarily freshmen should register for required courses. Electives should be used in the second year chiefly in meeting the preliminary requirements of the departments in which the student expects to do the work of the major and minor (or minors) in the upper division.

Upper Division Curriculum

1. A major sequence of 18 to 24 hours of upper division courses, preceded by the proper lower division courses prescribed as preparation for the major. This work should represent a coherent and progressive sequence of courses as outlined in the departmental announcements. The major subject will be selected when the student registers in the upper division, but the student must plan the work in the lower division in such way as will meet the departmental requirements for the major and minor.

2. A minor sequence of 9 to 12 hours of upper division courses in some department closely related to the major department. At the option of the major department, a second minor of 6 hours may be required in a second department closely related to the major department.

3. Electives, under the supervision of the departmental adviser, to make a total of 128 hours.[1] At least 52 of the 64 hours in the upper division must be selected from upper division courses. A departmental adviser may permit a student in the upper division to elect lower division courses to an amount not exceeding 12 hours when such action will be an advantage to the student in connection with the major or minor sequence, but honor points will count only at the rate of 1 honor point per credit hour.

[1]A student may decrease the total number of hours required for graduation by doing work of superior quality. For details of this plan, see pages 85 and 89.

B. PRE-MEDICAL COURSE (132 HOURS)

Four years in the College of Arts and Sciences

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Chemistry 3	4	Chemistry 4	4
Zoology 1	4	Zoology 2	4
Modern Language	3	Modern Language	3
Military Science	1	Military Science	1
Physical Education	1	Physical Education	1
	16		16

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Physics 1	3	Physics 2	3
Physics 3	1	Physics 4	1
Chemistry 15	3	Chemistry 36	6
Chemistry 63	3	Psychology 1 or Zoology or Pharmacy 12	3
Psychology 1 or Zoology or Pharmacy 2	3	Modern Language	3
Modern Language	3	Military Science	1
Military Science	1		17
	17		

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 3	3	English 4	3
Econ. 101 or Soc. 101	3	Econ. 102 or Soc. 106	3
History 104 or 133 or Pol. Sc. 4	3	History 105 or 134 or Pol. Sc. 5	3
Zoology 231 or Physics 121	3	Mod. Lang. or Math. or Psyc. 219 or Zoology	3
Mod. Lang. or Math. or Psyc. 122	3	Chemistry 238	5
Chemistry 107	2		17
	17		

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Chemistry 105	4	Chemistry 262	4
Zoology 207 or 231 or Botany 1 or Geology 2 or Physics	3	Zoology 252 or 118 or Botany 2 or Geology 3 or Physics	3
English or Economics or Sociology or History or Political Science	6	English or Economics or Sociology or History or Political Science	6
Modern Language or Mathematics or Psychology 124 or free elective	3	Modern Language or Mathematics or Psychology or free elective	3
	16		16

All pre-medical students are advised to have two units of high school Latin, or Latin 1 and 2.

French and German are the modern languages accepted. The requirement in this course is a reading knowledge of both French and Ger-

man, with a minimum requirement of 18 hours divided between the two languages. If two units of a language are presented for entrance, the minimum requirement in that language is 6 hours.

C. COMBINED COURSES

(a) Arts and Law

Three years (96 hours) in the College of Arts and Sciences, and one year (28 hours) in the College of Law

A prelegal course has two main objectives. The first is to enable the student to acquire a general cultural background, which is in harmony with the chief purpose of the College of Arts and Sciences. The second is to help the student to secure a more specialized background for the legal course that is to follow.

These objectives can be attained more effectively by taking the regular four year Arts and Science course, during the last two years of which the student may choose his major and minor with particular reference to his legal work. In addition to securing the Bachelor of Arts degree, it will qualify him for admission to almost any law school.

To enable students to receive the degrees of Bachelor of Arts and Bachelor of Laws in a shorter period of time, a special course has been arranged by which the student may complete the required studies in the College of Arts and Sciences in three years, and after passing the entire first year of work in the College of Law be awarded the degree of Bachelor of Arts. This course satisfies the entrance requirements to the College of Law, but permits less freedom in choosing electives. The student should confer with the Pre-Law adviser as soon as he enters the University. The following schedule is suggested as being adapted to the above course:

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Science	4	Science	4
(Any one of the following, Botany, Chemistry, Geology, Physics, Zoology, Biology)		(A continuation of the course taken the first semester)	
Language	3-5	Language	3-5
(One of the following, French, German, Latin, Spanish)		(A continuation of the course taken the first semester)	
History 27	3	History 28	3
Military	1	Military	1
Physical Education	1	Physical Education	1
	15–17		15-17

If three hours of language is taken the following may be added to the above.

	Hrs.
How to Study	2

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 3	3	English 4	3
Language	3	Language	3
History 52	3	(If 10 hours of language have been passed the first year an elective may be substituted)	
Political Science 4	3	History 53	3
Electives	3	Political Science 5	3
(Lower division classes should be taken in the departments in which the student may wish to do upper division work as, Economics 1; Sociology 1; Psychology 1; or other elementary courses in other departments as Mathematics)		Electives	3
Military	1	Military	1
	16		16

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Pre-Law major	6	Pre-Law major	6
Pre-Law minor	3	Pre-Law minor	6
Electives	6-9	Electives	3-6
	16 or more		16 or more

Fourth year (28 hours) in the College of Law

(b) Arts and Medicine

Three years (100 hours) in the College of Arts and Sciences, and one year (35 hours) in the School of Medicine

The first three years (100 hours) of this course, which leads to the degree of Bachelor of Arts, are identical with the first three years of Pre-Medical Course B, leading to the degree of Bachelor of Arts. The fourth year (35 hours) is taken in the School of Medicine. For a list of the courses in medicine, see page 195.

All pre-medical students are advised to have two units of high school Latin, or Latin 1 and 2.

French and German are the modern languages accepted. In this course, the minimum requirement is 12 hours, which may be in two languages. If two units of a language are presented for entrance, the minimum requirement in that language is 6 hours.

REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

The Bachelor of Science degree in the College of Arts and Sciences is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance, college, and departmental requirements, and completes one of the following courses of study:

(1) Course in Public Health (144 hours)
(2) Combined Courses:
  (A) Science and Medicine (142 hours)
  (B) Science, Pharmacy, and Medicine (186 hours)

(1) COURSE IN PUBLIC HEALTH (144 HOURS)

Four years in the College of Arts and Sciences

The object of the four-year course in Public Health is to prepare men to take charge of municipal health laboratories, to become executive secretaries of health units, and to act as sanitarians and health officers.

The curriculum includes fundamental courses in chemistry and biology, together with such engineering and medical subjects as peculiarly apply to sanitary science. Not the least important feature is the inclusion of practical field work under the direction of the State Department of Health. The degree of Bachelor of Science (in Public Health) will be conferred upon students who satisfactorily complete the curriculum outlined on this page. Candidates for this degree will register in the College of Arts and Sciences with a member of the Department of Zoology as adviser.

Students who have completed this course are qualified to enter a school of medicine or to take up specialized graduate study.

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Eng. 1—Comp. and Rhet.	3	Eng. 2—Comp. and Rhet.	3
French or German	3	French or German	3
Chem. 3—Inor. Chem.	4	Chem. 4—Inor. Chem.	4
Math. 3—Advanced Algebra	3	Math. 4—Trig.	2
Hygiene and Sanitation	1	M. E. 20—Mech. Draw.	2
Military Science	1	Military Science	1
Physical Education	1	Physical Education	1
	16		16

Summer Field Practice 1—State Department of Health..... 2

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs*
English or Public Speaking	3	English or Public Speaking	3
Chem. 5—Qual. Anal.	4	Chem. 6—Quan. Anal.	4
Mathematics 11	3	Ent. 2—Entomology	4
Zool 1—Invert. Zoology	4	Zool. 2—Vertebrate Zool.	4
Zool. 125—Limnology	2	Zool. 16—Economic Zool.	2
Military Science	1	Military Science	1
	17		18

Summer Field Practice 2—State Department of Health..... 1
Zoology 126s—Advanced Limnology; 100 hours in field and laboratory 1

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Zoology 51—Physiology	4	Geology 102—General Geology	4
Physics 1 and 3	4	Physics 2 and 4	4
Chemistry 233—Org. Chem.	5	Med. Bact. 105—Parasitology	5
Entomology 180	2	Veterinary Science 106	3
Chemistry 163—Phys. Chem.	3	Elective	2
	18		18

Summer Field Practice 3—State Department of Health; Epidemiology, Public Health Law and Administration..... 2

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
C. E. 116—Water Supply	3	Ch. E. 202—Water Ex. and Purif.	2
Bact. 106—Hygiene	2	Bact. 208—State and Mun. Lab. Meth.	2
C. E. 117—Municipal Eng'g	2	Psychology 1	3
Biochemistry 101	6	Political Science 107	3
Dairy Husb. 107—Milk and Pub. Health	2	Zool. 210—Prin. of Biol.	3
Elective	2	Soc. 101—Prin. of Soc.	3
	17	Soc. 108—Prin. Child Welf.	2
			18

(2) COMBINED COURSES

(A) Science and Medicine

Two years (66 hours) in the College of Arts and Sciences, and two years (76 hours) in the School of Medicine

This course, leading to the degree of Bachelor of Science, has the bare minimum requirements and little of the cultural subjects. It requires a total of 142 hours. The first two years (66 hours) of this course are identical with the first two years of Pre-Medical Course B leading to the degree of Bachelor of Arts. The last two years (76 hours) are taken in the School of Medicine. For a list of the courses in medicine, see page 195.

All pre-medical students are advised to have two units of high school Latin, or Latin 1 and 2. French and German are the modern languages accepted. If two units of either language are presented for entrance, the minimum requirement is 6 hours in the same language; otherwise, 12 hours.

(B) Science, Pharmacy, and Medicine

Three years (110 hours) in the College of Arts and Sciences and Department of Pharmacy, and two years (76 hours) in the School of Medicine

The bachelor of Science degree in the College of Arts and Sciences and the School of Medicine is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance, college, and departmental requirements, and completes the following curriculum, including two years in medicine, aggregating 187 hours:

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1—Comp. and Rhet.	3	English 2—Comp. and Rhet.	3
Zoology 1—Invert. Zoology	4	Zoology 2—Vertebrate Zoology	4
Phar. 1—Theoretical Pharmacy	2	Phar. 3—Adv. Pharmaceutical Arithmetic	2
Phar. 2—Pharmaceutical Arithmetic and Stiochiom.	3	Phar. 10—Vegetable Histology	3
Chem. 3—Inorganic Chem.	4	Chem. 4—Inorganic Chemistry	4
Physical Education 1	1	Physical Education 2	1
Military Science 1	1	Military Science 2	1
	18		18

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
German 1—Elementary German	3	German 2—Elementary German	3
Phar. 9—Pharmaceut. Latin	2	Phar. 6—The Art of Compounding	4
Phar. 4	2	Phar. 12 or 112—Pharmacognosy	3
Phar. 11—Pharmacognosy	3	Phar. 8—Pharmaceutical Jurisprudence	1
Phar. 5—Operative Phar.	3	Phar. 7—Art of Compounding	2
Chem. 5—Qual. Anal.	4	Chem. 6—Quan. Anal.	4
Military Science 3	1	Military Science 4	1
	18		18

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Physics 1—Intro. Physics	3	Physics 2—Intro. Physics	3
Physics 3—Intro. Phys. Lab.	1	Physics 4—Intro. Phys. Lab.	1
Psychology 1—Intro. to Psychology	3	Phar. 107—Pharmaceutical Chemistry	2
Phar. 106—Pharmaceutical Chemistry	2	Chemistry 36—Organic Chem.	6
Chem. 163—Physical Chem.	3	German 122—Scientific German	3
German 121—Scientific German	3	Elective	4
Elective	4		19
	19		

FOURTH AND FIFTH YEARS

Curriculum as prescribed in the School of Medicine.[1]

[1]For a detailed list of the courses in medicine, see page 195.

PRE-PROFESSIONAL COURSES

Not leading to degrees in the College of Arts and Sciences

(1) PRE-DENTAL COURSES

The following courses are planned for students preparing for the study of dentistry. In case a student expects to enter a certain school of dentistry these courses may be changed to suit his needs.

(A) ONE YEAR COURSE

A course preparing for schools of dentistry requiring for entrance one year of pre-dental work. This course has the bare minimum requirements and little of cultural value.

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Chemistry 3	4	Chemistry 4	4
Zoology 1	4	Zoology 2	4
Physics 1	3	Physics 2	3
Physics 3	1	Physics 4	1
Military Science	1	Military Science	1
Physical Education	1	Physical Education	1
	17		17

(B) TWO YEAR COURSE

A course preparing for schools of dentistry requiring for entrance two years of pre-dental work. This course has, in addition to the minimum requirements, certain courses of general cultural value.

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Chemistry 3	4	Chemistry 4	4
Zoology 1	4	Zoology 2	4
German or French	3	German or French	3
Military Science	1	Military Science	1
Physical Education	1	Physical Education	1
	16		16

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Physics 1	3	Physics 2	3
Physics 3	1	Physics 4	1
Chemistry 15	3	Chemistry 36	6
Chemistry 63	3	Psychology 1 or Zoology 210	3
Psychology 1 or Zoology 231	3	German or French or English 4	3
German or French or English 3	3	Military Science	1
Military Science	1		17
	17		

(C) THREE YEAR COURSE

A course preparing for schools of dentistry requiring for entrance three years of pre-dental work. The first two years (66 hours) of this course are identical with course B except that during the second year French or German are taken instead of English 3 and 4.

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 3	3	English 4	3
Economics 101 or Sociology 101 or History 104 or History 133 or Political Science or Modern Language	9	Economics 102 or Sociology 106 or History 105 or History 134 or Political Science 5 or Modern Language	9
Physics 121 or Psychology 116 or Psychology 124	3	Chemistry 238	5
Chemistry 107	2		17
	17		

(2) PRE-EDUCATION

Candidates for the degree of Bachelor of Science in Education are registered in the College of Arts and Sciences until they have completed fifty-eight hours or more of academic work in the lower division of the College. They are then transferred to the College of Education. During the Pre-Education period students are advised to complete as many as possible of the general courses required by the College of Education which are as follows:

Subject	*Minimum Hours*
English, Journalism, and Public Speaking	20
Social Studies	15
Sciences, or Agriculture, or Industrial Subjects, or Home Economics, or Mathematics	15
Health and Physical Education	6

A reduction of as much as 5 hours in English, journalism, and public speaking and in science in the above general requirements will be allowed if the curriculum demands it. If mathematics is chosen as one of the teaching groups, the 15 hours of science must be taken.

Upon the successful completion of the entire 64 hours of work in the lower division Pre-Education students are eligible for the Junior Certificate of the College of Arts and Sciences.

DEPARTMENTAL REQUIREMENTS

BOTANY

COURSES SUGGESTED FOR BOTANY MAJORS

(64 hours required in each division)

LOWER DIVISION

Subject	*Hrs.*	*Subject*	*Hrs.*
English Composition	6	Physical Education	2
German	12	French	6
Botany 1 and 2	8	Psychology	6
How to Study (if required)	2	English Literature	6
Military Science	4		

Electives

Chemistry 1 and 2	8	Zoology 1 and 2	8
Botany 4	3	Botany 31	4

UPPER DIVISION

Subject	*Hrs.*	*Subject*	*Hrs.*
Physics 1, 2, 3, and 4	8	Botany 211 and 212	8
Education (for tch. cert.)	20	Botany 221	4
Geology (for tch. cert.)	6	Botany 214	2
		Botany 251	2
		Botany 253 and 254	2

Electives

Botany 141	3	Botany 222	4
Botany 232 and 234	8		

Courses in chemistry, physics, zoology, or geology may be selected by those majors who wish to minor in one of these departments.

Botany 1 of the first semester must be followed by Botany 2 of the second semester, and Botany 1 of the second semester must be followed by Botany 2 of the first semester. No other sequence is possible.

Prospective teachers should confer with the College of Education in regard to the 20 hours required in that college; also in regard to a second teaching subject and the other requirements for certification.

CHEMISTRY

Chemistry 1, 2, and 9; or Chemistry 3 and 4 are prerequisite to all courses in chemistry. Chemistry 5, 6, 233, 238, 260, and 261 are required of students whose major is chemistry. Exceptions are sometimes made for students entering with advanced standing.

Students entering the University with the intention of studying chemistry as a profession leading to a degree in the College of Arts and Sciences, with major in chemistry, should take Mathematics 3 and 4 and Chemistry 3 during the first semester of their first year.

A deposit is required of all students who take laboratory courses.

CLASSICS

The Department of Classics comprises courses in the Greek and Latin languages and in classical civilization. Courses in the department are intended not only to give students a thorough knowledge of the Greek and Latin languages and literatures, but also to acquaint them with the classical culture in general. A student with major in Latin will not be recommended for a degree until he shall have secured 6 hours of credit in Latin courses numbered 227 or above and shall have satisfied all prerequisites. Such a student should plan to include at least 6 hours of Greek in his course, preferably in the sophomore year.

ECONOMICS, BUSINESS ADMINISTRATION, AND SOCIOLOGY

Any student who elects economics or sociology as a major subject must take at least 24 hours of work in this department and at least 6 hours in history or political science.

Economics 1 and 2 are prerequisites for all upper division courses in economics except Economics 103 and 110. Students who contemplate economics as a major subject should include also in their lower division courses of study Political Science 4 and 5 and an additional 6 hours to be selected from the following: Economics 21 and 22, Sociology 1, and suitable courses in English or American history. They will best meet these requirements, along with the general requirements for the lower division, by arranging their schedules in the following manner:

FIRST YEAR

Subject	*Hrs.*
English	6
Foreign Languages	6
Laboratory Science	8
Military Science	2
Physical Education	2
Required Groups	9
	33

SECOND YEAR

Subject	*Hrs.*
Foreign Languages	6
Military Science	2
Required Groups	3
Economics 1 and 2	6
Pol. Sc. 4 and 5	6
Select from Econ. 21 and 22, Soc. 1, and suitable courses in Eng. or Am. History	6
Remainder elective	2
	31

STANDARD PROGRAM FOR SOCIOLOGY MAJORS

SECOND YEAR

Subject	*Hrs.*
Sociology 1—Intro. to Soc.	3
Sociology 2—Rural Soc.	3
Economics 1—Prin. of Econ.	3
Economics 2—Prin. of Econ.	3
Military	2
History	6
Pol. Sc. 5—Am. Fed. Gov.	3
Group Requirements and Electives	9
	32

THIRD YEAR

Subject	*Hrs.*
Sociology 105—Urban Soc.	3
Sociology 106—Soc. Path.	3
Sociology 108 — Probs. Child Welf.	2
Pol. Sc. 106—State and Local Gov.	3
Psychology 1—Intro. to Psyc.	3
Psyc. 116—Soc. Psyc.	3
Journ. 1—N'pr. Rpt'g.	3
Genetics 111—(Col. of Agr.)	2
Electives	10
	32

FOURTH YEAR

Subject	*Hrs.*
Sociology 210—The Family	3
Sociology 231—Race Probs.	3
Sociology 240—Social Control.	3
Sociology 241—Com. Org.	3
Sociology 233—Criminology	3
Electives	17
	32

RECOMMENDED SEQUENCE OF SOCIOLOGY COURSES FOR THE GUIDANCE OF ADVISERS IN OTHER DEPARTMENTS

Subject	*Hrs.*	*Subject*	*Hrs.*
Sociology 1—Intro. to Soc.	3	Sociology 210—The Family	3
Sociology 2—Rural Soc.	3	Sociology 231—Race Probs.	3
Sociology 105—Urban Soc.	3	Sociology 233—Criminology	3

ENGLISH LANGUAGE AND LITERATURE

MAJOR REQUIREMENTS

To be received as a major student in the Department of English the student must have credit for the following lower division courses in English, or equivalent: English 3, English 4, 29, or 65, English 13 or 14; in all, 8 hours in addition to the general college requirement of 6 hours in English composition (English 1 and 2).

A major student will usually be expected to complete 24 hours of upper division courses in English, including:

(a) English 142, 181, 234, and 235.

(b) A six-hour sequence in any one of the following groups of courses:

(1) English 230, 231, 232, 233, 272;
(2) English 239, 240, 241;
(3) English 142, 235, 243, 244, 245, 246, 247, 248;
(4) English 249, 250, 251, 252, 262, 263;
(5) English 166, 167, 267, 269, 270;
(6) English 276, 277, 279.

A major student will also be required to complete at least 20 hours in some one of the following foreign languages: French, Latin, German. At least 12 hours in a second foreign language are recommended but are not absolutely required.

Six hours of English history, History 27 and 28, are also required of major students.

For the guidance of students and advisers the following program is suggested as a convenient combination of the University, departmental, and certification requirements for English majors:

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Eng. 3, How to Study, or Elec.	3	English 4, or Elec.	3
Foreign Language	3	Foreign Language	3
History 27	3	History 28	3
Science	4	Science	4
Phys. Ed. and Mil. Sc.[1]	2	Phys. Ed. and Mil. Sc.[1]	2
	18		18

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 13, Jour., or Elec.	2	English 14, or 13, or Elec.	2
*Eng. 65, or 3	3	*English 29, or 4	3
Foreign Language	3	Foreign Language	3
*Public Speaking	3	Social Science	3
Social Science	3	Second For. Lang. or Elec.	3
Second For. Lang. or Elec.	3	Public Speaking or Elec.	2
Phys. Ed. or Mil. Sc.[1]	1	Phys. Ed. or Mil. Sc.[1]	1
	18		17

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 181 or 142	3	English 142 or 182	3
*English 160 or 275	2	*English 161 or 274	2
Foreign Language	3	Foreign Language	3
Second For. Lang. or *Phys. Ed. 178	3	Second For. Lang. or *Phys. Ed. 180 (Public School Health)	3
*Education 106 and 109	6	*Education 112 and 120	5
English Elective	2	English Elective	2
	19		18

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 235	3	English 234	3
*Education 124 and 160	5	*Education, or Elective	5
Foreign Lang. or Elec.	3	Foreign Lang. or Elec.	3
*English 276, or Elec.	3	*English 277, or Elec.	3
Elective	3	Elective	2
	17		16

*Courses required (or alternative) for teacher's certification but not required for English majors.

[1]Physical education is not included in the 34 hours maximum registration for students in the College of Arts and Sciences.

CERTIFICATION WITH ENGLISH AS A TEACHING FIELD

A major in English may meet the requirements for the A. B. degree, and also the requirements of the State Board of Education for teacher's certification, with English and French or with English and Latin as teaching fields, in four years, or eight semesters. Other combinations, such as English and social studies, or English and physical education, will usually require somewhat more than four years, and students who desire these combinations should consult the proper departmental adviser in planning their courses.

For the convenience of students, the English requirements of the State Board of Education, with the corresponding English courses which most nearly satisfy them are listed below:

1. ENGLISH COMPOSITION—total of 9 hours required:

Subjects Required	*Hrs.*	*Courses*	*Hrs.*
Oral and Written Eng.	5	English 1 and 2	6
How to Explain	2	English 13 or 113	2
Advanced Comp.[1]	2	English 14 or 115	2
	9		10

2. LITERATURE—total of 15 hours required:

Subjects Required	*Hrs.*	*Courses*	*Hrs.*
American Lit.	3	English 65, 166, or 167	3
English Lit.	4	English 3 and 4	6
World Lit.	3	English 185	2
Contemp. Lit.	2	Eng. 160, 161, or 262	2
Shakespeare	3	English 142 or 235	3
Bible Lit.	2	English 181 or 182	3 or 2
Free Reading	4		
	21		19 – 18

3. LITERARY TYPES—total of 4 hours required:

Subjects Required	*Hrs.*	*Courses*	*Hrs.*
Narrative Poetry	2	English 274	2
Lyric Poetry	2	English 275	2
Great Essays	2	English 277	3
The English Novel	2	English 276	3
The Short Story	2	English 175	2
Study of an Author	2	Eng. 153, 234, or 263	3
	12		15

4. SPECIAL ACTIVITIES—total of 6 hours required:

Subjects Required	*Hrs.*	*Courses*	*Hrs.*
Study Eng. Lang.[2]	3	English 29 or 230	3

[1]Journalism may be substituted for advanced composition.
[2]Other subjects in this group are offered in other departments.

GEOLOGY, MINERALOGY, AND GEOGRAPHY

Each student majoring in geology is required to present credit for Geology 163s or its equivalent in completing the following schedule.

UNDERGRADUATE CURRICULUM IN GEOLOGY

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Military Science	1	Military Science	1
Physical Training	1	Physical Training	1
French or German	3	French or German	3
Eng. 1—Comp. and Rhet.	3	Eng. 2—Comp. and Rhet.	3
Math. 3—Algebra	3	Math. 4—Trigonometry	2
Chem. 3—Inorganic Chemistry	4	Chem. 4—Inorganic Chemistry	4
	15	Elective	3
			17

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Military Science	1	Military Science	1
French or German	3	French or German	3
Geol. 1—Physiography	4	Geol. 2—Minerals and Rocks	4
History or Economics	3	History or Economics	3
English, Journalism, or Public Speaking	3	English, Journalism, or Public Speaking	3
M. E. 20—Drawing	2	C. E. 1—Surveying	3
	16		17

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Geology 103—Historical	4	Geol. 204—Paleontology	4
Phys. 1—Introductory Physics	3	Phys. 2—Introductory Physics	3
Phys. 3—Physics Laboratory	1	Phys. 4—Physics Laboratory	1
Chem. 105	4	Chemistry 106	5
Elective	4 or 5	Elective	4 or 5
	16 or 17		17 or 18

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Geology 206—Sedimentation	4	Geol. 208—Advanced Physiography	3
Geol. 285—Crystallography and Optical Mineralogy	4	Geol. 287—Microscopic Petrography	5
Chemistry 233—Organic	5	Elective	8 or 9
Elective	3 or 4		
	16 or 17		16 or 17

SEQUENCES

LOWER DIVISION:

Geology 1 and 3 give a general view of the subject.
Geology 2 and 11 introduce rocks and minerals and their uses.
Geology 1 and 9 is a combination for students in education.

UPPER DIVISION:

Geology 102 or 1, 103 and 204 provide a good minor sequence for majors in botany or zoology.
Geology 285 and 287, or 2 and 285 are courses well fitted to majors in chemistry or physics.
Geology 102 or 2, and 111 is a sequence suggested for majors in economics. If time permits, Geology 3 or 103 should be included in this group.
Geology 116 and 208 continue the lower division courses for students of education. Geology 108 is also desirable in this group.
Geology 102 or 1, 103 or 3, and 108, is a good general sequence.

GERMANIC LANGUAGES AND LITERATURES

The chief objective of the department is to enable the student to read thoughtful German without the aid of a dictionary. Of German 1, 2, 3, and 4, each is prerequisite to the next following, and the four combined are prerequisite to all other courses with the exception of German 11, 12, 121, and 122, for which German 1 and 2 alone are prerequisite.

Students majoring in German are advised to base their schedules on upper division courses from the following subjects, which are listed here in the order of their importance: German, education, English, European history, Latin, Romance languages, modern philosophy, and Greek. Those who are not planning to teach German may omit the courses in education, but the sequence of subjects, from the angle of their desirability for a major in German, remains the same.

HISTORY

Before graduation history majors are required to complete 18 hours in upper division courses, including History 276, introduction to historical method and bibliography. Six hours in political science and 6 hours in economics are also required in addition to the special requirements for the A. B. degree. Students who expect to major in history should complete the following subjects, or their equivalents, in their first and second years: English, 6 hours; French or German, 12 hours; history, 12 hours; zoology, botany, geology, or biology, 8 hours; political science, 6 hours; and economics, 6 hours. In planning further work in history, students should consult the department in order that advanced courses may be properly correlated, as well as suited to individual needs and tastes. One lower division "year course" or equivalent is prerequisite for a major, but prospective majors are advised to take two such courses. Students who major in history must secure the advice of the Department of History.

HOME ECONOMICS

Courses in this subject are offered in the College of Arts and Sciences and in the College of Agriculture.

Students in the College of Arts and Sciences who select Home Economics as a major must complete the lower division requirements with the following changes:

(b) NATURAL SCIENCE. Chemistry 8 hours, and Botany or Biology or Zoology 8 hours.

(e) ADDITIONAL. At least 6 hours in each of three of the following:
(1) English
(4) History
(5) Political Science
(6) Economics or Sociology
(7) Philosophy and Psychology
(8) Home Economics

(g) ELECTIVES include Home Economics 15, 16, or 19, 31, 3, 4.

In the upper division, Home Economics 107, 122, 135, 240, 151, 154, or 152 should be taken, and the total hours must not exceed 36 in this College. Courses in the biological and social sciences are especially suggested.

Students who are preparing to teach home economics are referred to pages 122 to 125.

The head of the Department of Home Economics in the College of Agriculture acts as adviser.

JOURNALISM

The Department of Journalism performs four closely related functions: instruction in 14 journalism courses, management of the University Bureau of Information, supervision of student-publication enterprises, and professional service both to State newspaper editors and publishers and to advisers and staffs of high school publications.

The journalism curriculum is designed for three classes of students: (1) those wishing to make journalistic training and practice the nucleus of a liberal education in modern content; (2) those looking forward to a business or a profession that requires familiarity with successful public-relations methods; (3) those contemplating reporting and literary work, or the editing and management of newspapers or special periodicals as a career.

The journalism laboratory is equipped like the city room of a newspaper and contains typewriters, a "U" copy desk and other work tables, a "morgue," and reference books. Connected with it are reading, editorial, conference, and lecture rooms.

Major students are required to earn at least 30 hours of credit in the courses named below, and at least 12 hours of credit in some related minor subject. They are expected to do extensive practical work on the

college tri-weekly newspaper and State newspapers, and also to spend the summer at the end of their third year on the staff of an approved newspaper.

Before or soon after entering the University, students planning to major in journalism should learn the touch system of typewriting. After the first eight weeks in Journalism 1, all written work must be done on a typewriter.

Major students in journalism will use the following flexible curriculum as their schedule of studies from year to year. Courses in journalism are not open to freshmen.

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Eng. 1—Comp. and Rhet.	3	Eng. 2—Comp. and Rhet.	3
Foreign Language	3	Foreign Language	3
Science	4	Science	4
Eng. 4—English Literature	3	Hist. 5—Europe since 1815	3
Military Science (men)	1	Military Science (men)	1
Phys. Ed. (men and women)	1	Phys. Ed. (men and women)	1
Electives	1–3	Electives	1–3
	16–18		16–18

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Jour. 1—Newspaper Reporting	3	Jour. 2—Newspaper Reporting	3
Hist. 52—U. S. to 1840	3	Hist. 53—U. S. since 1840	3
Foreign Language	3	Foreign Language	3
Psyc. 1—Intro. to Psyc.	3	Phil. 4—Intro. to Phil.	3
Pol. Sc. 4—European States Sys.	3	Pol. Sc. 5—Am. Fed. Sys.	3
Military Science (men)	1	Military Science (men)	1
Phys. Ed. (women)	1	Phys. Ed. (women)	1
Electives	0–2	Electives	0–2
	16–18		16–18

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Jour. 103—Copy Editing	3	Jour. 4—Copy Editing	3
Jour. 220—Feature Writing	3	Jour. 127—Hist. Amer. Jour.	3
Pol. Sc. 106—Am. State and Local Gov.	3	Pol. Sc. 262 — International Gov., or Pol. Sc. 220—Hist. of Political Thought	3
Econ. 101—Prin. of Econ.	3	Econ. 102—Prin. of Econ.	3
Electives	4–6	Electives	4–6
	16–18		16–18

Electives

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Business Organization	3	Community Newspaper	2
Marketing	3	Newspaper Advertising	3
Business Management	3	Money, Credit, and Banking	3
American Literature	3	Marketing	3
Adv. Composition	2	Browning	3
International Relations	3	History of West Virginia	3
History of Political Parties	3	Debating	3
Argumentation	3	Urban Sociology	3
Intro. to Sociology	3	American City Government	3

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Jour. 230—Editorial Writing	3	Jour. 231—Journalism Ethics	3
Jour. 128—Advanced Report'g	3	Jour. 125—Newspaper Management	3
Eng. 142—Shakespeare	3	Hist. 259—Recent Am. History	3
Psyc. 116—Social Psyc., or Soc. 101—Intro. to Soc.	3	Econ. 140—Labor Problems, or Econ. 112—Pub. Finance	3–4
Electives	4–6	Electives	4–5
	16–18		16–18

Electives

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Econ. of Pub. Util.	3	Jour. Crit. Writing	2
Business Law	3	Teaching Jour. Writing	2
English Language	3	Types of Am. Fiction	3
Literary Criticism	3	Victorian Lit.	2
Old Testament	3	Modern Drama	3
Short Story Writing	3	New Testament	3
Recon. and Nat. Development	3	Essay	3
International Law	3	Novel	3
An. and Med. Phil.	3	Growth of Cont. Europe	3
Race Problems	3	Contemp. Phil.	3
Social Origins	3	Phil. of Religion	3
Criminology	3	Immigration	3
		Social Control	3

MATHEMATICS

COLLEGE OF ARTS AND SCIENCES. Students who enter from high school with only 1 unit of algebra and 1 unit of plane geometry must elect Mathematics 9 before being admitted to any further courses, except Mathematics 2 and 10.

Students who wish to fulfill requirements for mathematics as a teaching subject are advised to take Mathematics 2, 3, 4, 5, 6, 107 and 108, or, in case the student enters with only 1 unit in algebra and 1 unit in plane geometry, Mathematics 2, 9, 10, 5, 6, 107 and 108.

PREPARATION FOR THE MAJOR. Mathematics 2, 3, 4, 5 and 6. Students who have only 1 unit in algebra, Mathematics 2, 9, 10, 5, 6. If a

student comes well prepared in mathematics the upper division courses, Mathematics 107 and 108, may be taken while he is still a student in the lower division.

THE MAJOR. Mathematics 107, 108, 240, 241, 242, and one of the following courses, 243, 244, and 290.

MEDICINE

Students who have completed 66 hours in the College of Arts and Sciences, as outlined on pages 131 and 135, may complete the requirements for the Bachelor of Science degree by taking the courses prescribed by the School of Medicine in the curriculum on page 195.

Students who have completed 100 hours in the College of Arts and Sciences, as outlined on pages 131 and 133, may complete the requirements for the Bachelor of Arts degree by taking the first 35 hours listed by the School of Medicine in the curriculum on page 195.

Students who have completed 110 hours in the College of Arts and Sciences and the Department of Pharmacy, as outlined on page 136, may complete the requirements for the degree of Bachelor of Science by taking the course prescribed by the School of Medicine in the curriculum on page 195.

PHILOSOPHY AND PSYCHOLOGY

There is such wide diversity in the preparation, needs, and aims of individual students that the Department cannot lay down inflexible rules with regard to sequence of courses.

Psychology 1 is prerequisite to all other courses in the department.

In general, lower division courses precede upper division courses. The upper division courses are arranged in the order best suited to a progressive development of the fields of philosophy and psychology respectively.

MAJORS. Students who desire to do their major work in this department should first consult with the head of the department.

There are various fields of work open to those who major in either philosophy or psychology, some of which are as follows:

Philosophy Majors:

1. Teaching. Preparation for graduate study with a view to teaching in university, college, seminary or normal school.
2. The ministry.
3. General culture for those not planning to undertake a specific type of work.

Psychology Majors:

1. Teaching psychology in university, college or normal school.
2. Clinical work in public schools, hospitals or social service.
3. Vocational guidance.

4. Personnel work in industry.
5. Preparation for certain phases of psychiatry.
6. Consulting psychologist.

A major includes at least 24 hours of work in the Department. Students may major in either philosophy or psychology. Majoring in either of these branches will include at least one course in the other.

The sequence of courses for each major will be arranged so as to give the student the best foundation for the type of work he wishes to pursue.

RELATED COURSES. Various departments offer courses of special value to students of philosophy and psychology. Following is a list of these courses.

For students in philosophy: classical civilization (Greek life and thought); ancient or medieval history, or both; sociology; at least 12 hours in one of the sciences, or mathematics.

For students in psychology: zoology; physiology; neurology; sociology; education; and political science.

Students whose work shows a marked deficiency in English will be required to take a course in advanced composition.

Students who expect to continue their study of philosophy or psychology in a graduate school, either here or elsewhere, are advised to take at least 12 hours of both German and French.

PHYSICS

The various courses offered in physics are designed to meet the needs of the students in the Colleges of Arts and Sciences, Agriculture, and Engineering, the School of Music, and the School of Medicine. All the courses are divided into lower and upper divisions.

The courses of the lower division will satisfy the requirements of all the colleges so far as physics is concerned. Majors in physics or mathematics will choose courses from the upper group at the beginning of the third year.

Students who intend to major in physics should be guided to some extent by the following outline:

First Year—English, algebra, trigonometry, introductory physics, French, some required subjects.

Second Year—analytical geometry, calculus, problems in physics, German, general physical laboratory or chemistry (or radio or photography), public speaking, some required subjects.

Third Year—light, electrical measurements, advanced radio, differential equations, German, some required subjects.

Fourth Year—modern electrical theory or electricity and magnetism, theoretical mechanics, vector analysis, intermediate physical laboratory.

POLITICAL SCIENCE

Students who expect to select political science as their major subject should, while in the lower division, receive credit for Political Science 4 and 5, History 4, 5, 52, and 53, and Economics 1 and 2 or Sociology 1 and 2. Political Science 4 and 5 constitute the basic work in this department, and they, or their equivalent, are prerequisite to all courses in the upper division. The major requirement is 24 hours of upper division courses. There should be a first minor of 12 hours in upper division courses in history or economics, and a second minor of 6 hours in upper division courses in the other subject. With the approval of the departmental adviser, part of the required work in the major may be taken in the College of Law.

Upper division courses in the major and minor will be selected, with the approval of the adviser, according to individual interests and needs.

At the beginning of his third year, each major in the Department will (and other qualified students may) elect a field of concentration in political science by enrolling in one of the courses listed on page 263. The work is conducted by individual conferences between student and instructor based upon thorough reading and investigation in selected topics within his field of interest as well as in related subjects that the student has been unable to cover in course work.

SUGGESTED LOWER DIVISION PROGRAM FOR MAJORS

First Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Biology	4	Biology	4
French or German	3	French or German	3
History 4	3	History 5	3
Military	1	Military	1
Phy. Ed. (women)	1	Phy. Ed. (women)	1
Phy. Ed. (men)	1	Phy. Ed. (men)	1
	14–15		14–15

Second Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Political Science 4	3	Political Science 5	3
French or German	3	French or German	3
History 52	3	History 53	3
Economics 1 or Sociology 1	3	Economics 2 or Sociology 2	3
Psychology 1	3	Philosophy 4	3
Military	1	Military	1
Phys. Ed. (women)	1	Phys. Ed. (women)	1
Elective	2	Elective	2
	18		18

PUBLIC SPEAKING

Instruction in this department aims to serve the following ends: to prepare men and women in business and professions to meet the ever increasing demands for effective private and public speaking; to prepare qualified teachers of reading, drama, public speaking, and debate for positions in secondary schools and colleges; to afford training for those planning for the public platform as readers, actors, and lecturers; to develop the interpretative powers of teachers of literature; to afford cultural training to those seeking greater enjoyment from reading and the theatre.

FORENSIC ACTIVITIES. An extensive program of intramural and intercollegiate debates and other speech contests is sponsored.

PLAYS. The classes in play production and the Dramatic Club present a number of public and semi-public plays each year.

PUBLIC READINGS. Numerous opportunities are afforded students who show proficiency as readers to appear before clubs, societies, and business and professional organizations as entertainers.

MAJOR. A minimum of 34 semester-hours in speech is required. The following program shows the general requirements for graduation. Students aiming to secure a teacher's certificate with English as a first teaching subject, and language or social studies as the second teaching subject, will be required to complete the semester hours as shown in the second column:

Subject	*Hours*	*Hours*
Speech	34	34
English Literature and language	16	25
Foreign Language	12	12 or 20
Social Studies	12	20 or 12
Science	8	8
Psychology	6	3
Philosophy	6	....
Physical Education	4	6
Free electives	30	....
Education	....	20
	128	128

ROMANCE LANGUAGES AND LITERATURES

Prospective major students, and students who expect to do more advanced work in language, should not take more than 6 hours in courses 5, 6, 7, and 8. Prospective major students who have a grade of B or better in 6 hours taken from courses 5, 6, 7, and 8 should take courses 9 and 10 while in the lower division.

Students whose grades have consistently fallen below B in language work in the lower division should not select Romance languages as a major subject.

No student who has not completed French 9, 10, 115, 116, and 231 or Spanish 9, 10, 116, 221, and 222 will be recommended as a teacher of these subjects.

In order to be recommended by this Department for the degree of Bachelor of Arts a student must have completed, in addition to special requirements for the A. B. degree, one of the following combinations:

PROGRAM FOR MAJOR STUDENTS

French

Subject	*Hrs.*
French 9 or 109	3
French 10 or 110	3
French 115	3
French 116	3
French 221	3
French 222	3
French 231	2
Spanish	6 to 12
History 4 and 5, or History 104 and 105	6

Spanish

Subject	*Hrs.*
Spanish 9 or 109	3
Spanish 10 or 110	3
Spanish 115	3
Spanish 116	3
Spanish 221	3
Spanish 222	3
French	9 to 12
History 4 and 5, or History 104 and 105	6

A SUGGESTED DISTRIBUTION OF COURSES

FIRST YEAR

Subject	*Hrs.*
One Romance Language	6
English 1 and 2	6
A laboratory science	8
Physical Education	2
Military Science (when required)	2
Electives	8 to 10

SECOND YEAR

Subject	*Hrs.*
Two Romance Languages (6 hours each)	12
History 4 and 5	6
Military Science (when required)	2
Electives and lower division preparation for minor subject	12 to 14

THIRD YEAR

Subject	*Hrs.*
French or Spanish 109 and 110 (if not completed in second year)	6
French or Spanish 115 and 116	6
Minor subject and electives	20

FOURTH YEAR

Subject	*Hrs.*
French or Spanish 221 and 222	6
French 231, or elective in Spanish	2
Minor subject and electives	24

ZOOLOGY

Zoology 1, 2, 118, and 210 are of special interest to teachers. Zoology 1 and 2 are required of students preparing to enter the study of medicine, and of students in agriculture. Zoology 4 is required of students in physical education.

Prospective teachers should confer with the College of Education in regard to the required 20 hours in that college; also in regard to a second teaching subject and the other requirements for certification.

A SUGGESTED PROGRAM FOR STUDENTS MAJORING IN ZOOLOGY

Lower Division

Subject	*Hrs.*	*Subject*	*Hrs.*
Military Science	4	Three-Sub. Requirement—	
Physical Education	2-4	(1) French	6
For. Lang.—German	12	(2) Psychology	6
English Comp.	6	(3) Botany 1 and 2	8
Zool. 1 and 2	8	How to Study—(if req.)	2
		English 3 and 4	6

Electives

Chemistry 3 and 4	8	Other subjects	6

Upper Division

Subject	*Hrs.*	*Subject*	*Hrs.*
Physics 1, 2, 3, and 4	8	Zoology 118	3
Botany	9	Zool. 207 (not open to 3-year meds.)	3
Chemistry 115 (pre-med.)	3	Zoology 210	3
Chem. 163 (pre-med.)	3	Zoology 231	3
Chemistry 136	6	Zool. 234 (not open to 3-year meds.)	2
Geology (for tch. cert.)	6	Zoology 240	1
Education (for tch. cert.)	20		

Electives

Zoology 235s	6	Zoology 253	3
Zoology 252	3	Genetics 221	3

COURSES OF INSTRUCTION

For a detailed description of the courses offered in this college see pages 228 to 271.

THE COLLEGE OF EDUCATION

FUNCTIONS

Through its undergraduate and graduate courses, its laboratory school,[1] and its encouragement and direction of educational investigation and research, the College of Education aims to contribute to the educational efficiency of West Virginia by inculcating a liberal and more scientific conception of the functions of the public schools of the State and by directing the academic preparation and providing the professional training of secondary-school teachers, secondary-school principals, secondary-school supervisors, elementary-school principals, elementary school supervisors, city superintendents, county superintendents, district superintendents, college teachers, educational counselors, and educational research specialists.

The order of the Board of Governors creating the College of Education gives it "full control in the University of all professional teacher preparation, directive control in the University of all academic teacher preparation, and full control in the University in recommending to the State Department of Education for the certification of teachers, principals, supervisors, and superintendents."

ORGANIZATION

The College of Education comprises the College with its resident courses of instruction and facilities for research and the University Demonstration High School with its facilities for observation, student teaching, practice supervision, and experimentation.

The offerings of the College of Education are organized according to the educational positions for which they train. The names of the departments and their primary functions are as follows:

GENERAL EDUCATION (Gen. Ed.). For educational orientation, perspective, and integration and for mastery of the terms and techniques of educational research.

AGRICULTURAL EDUCATION (Ag. Ed.). For the professional training of teachers of vocational agriculture and agricultural extension agents.

EDUCATIONAL ADMINISTRATION (Ed. Ad.). For the professional training of principals and superintendents.

HIGHER EDUCATION (Hi. Ed.). For the orientation of junior college, normal school, college, and university teachers and officers.

HOME ECONOMICS EDUCATION (H. E. Ed.). For the training of teachers of vocational home economics, home economics education, and home economics extension.

[1]See page 68.

INDUSTRIAL EDUCATION (I. E.). To prepare men and women to teach trade and industrial subjects in high schools, night schools, part-time schools, and industrial plants, and to supervise work in connection with the administration of the State and Federal vocational education statutes.

EDUCATIONAL MATERIALS AND METHODS (Ed. M. and M.). For the requisite undergraduate professional preparation and the graduate professional training of teachers.

EDUCATIONAL PSYCHOLOGY (Ed. Psy.). For the fundamental professional preparation of all educational workers and the professional training of teachers, supervisors, counselors, and research specialists.

EDUCATIONAL SUPERVISION (Ed. Sup.). For the professional training of supervisors and administrators.

REQUIREMENTS FOR GRADUATION

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, classification of students, examinations, marks, and honor points, as set forth in the General Information section (Part II) of this Catalogue.

CREDITS AND HONOR POINTS REQUIRED

To be eligible for recommendation for graduation, a student in the College of Education must present 130 semester-hours of college credit with a general average of 1 honor point per credit hour and with an average of 1.2 honor points per credit hour in two teaching fields and in Education.[1] At least 100 of the 130 hours must be in academic subjects.

Candidates for the B. S. in Education must satisfy the general requirements (see below) and must select and pursue one of the teaching combinations[2] listed on page 158 of this Catalogue. The two teaching subjects must be completed as to the selection of courses indicated on pages 159 to 164 of this Catalogue.

GENERAL REQUIREMENTS FOR THE B. S. IN EDUCATION[3]

Subject	*Minimum Hrs.*
English, Journalism, Public Speaking, and Library Methods	20
Sciences, or Agriculture, or Industrial Subjects, or Home Economics, or Mathematics	15
Health and Physical Education[4]	6
Education	20

[1]A student may decrease the total number of hours required for graduation by doing work of superior quality. For details of this plan, see page 85.

[2]In the selection of teaching combinations care should be taken; for some subjects are over-supplied with teachers, while in others the demand exceeds the supply.

[3]A reduction of as many as 5 hours in the English group and in science in the general requirements will be allowed if the curriculum demands it. If mathematics is chosen as one of the teaching subjects, the 15 hours of science must be taken.

[4]The courses offered by the Division of Physical Education which may be used to meet this requirement are Physical Education 1, 2, 178, and 180 for men, and 1, 2, 3, 4, and 180 for women.

COURSES OF INSTRUCTION

For a detailed description of the courses offered in this college see pages 272 to 278.

RECOMMENDATION FOR TEACHING CERTIFICATE

No person may teach in the public schools of West Virginia who has not been issued a certificate by the State Department of Education. According to the requirements of the State Board of Education, all West Virginia University applicants for certificates must be recommended by the Dean of the College of Education as having complied with all legal requirements for the State certificate. The applications of all candidates must have the endorsement of the heads of the departments of their first and second teaching subjects before such candidates will be considered for recommendation by the College of Education. Recommendation will be based upon evidence of satisfactory scholarship, interest in educational work, special professional training, and proper professional attitude. A candidate must, furthermore, have attained the age of 18 years and must be of good moral character and mentally and physically qualified to perform the duties of a teacher.

REQUIREMENTS FOR CERTIFICATION OF HIGH SCHOOL TEACHERS

In drawing up these requirements, first consideration has been given to the exigencies of the teaching situation. The great majority of high school positions are in small schools where the teacher is required to offer instruction in at least two different fields. Moreover, most of the teachers in large high schools have been and will continue to be recruited from the faculties of small high schools. If, therefore, teachers are to be adequately prepared to meet the actual situation it is necessary in training and certificating them to maintain the following requirements:

1. All persons desiring to be certified to teach in high schools must be graduates of standard or approved colleges or universities, except as provided for in the requirements for special and provisional high school certificates.

2. To qualify for a first-class high school certificate, a candidate must be prepared to teach in at least two subject groups or high school teaching fields, as, for example, mathematics and the physical sciences.[1] For approved combinations, see below.

3. Completion of a minimum course program is required in each field for which a candidate desires to be recommended for a certificate.

[1]Exceptions to this requirement are made only in the following subjects: agriculture, commerce, fine arts, home economics, industrial arts, music, and physical education.

4. Changes in choice of teaching combinations are almost certain to entail a time penalty. Candidates should therefore select their combinations deliberately and adhere to them.

TEACHING COMBINATIONS REQUIRED FOR FIRST-CLASS HIGH SCHOOL CERTIFICATE

With the exception of special certificates,[1] the State Department of Education of West Virginia will issue first class high school teaching certificates in the following combinations only:

1. Agriculture and any one of the following: biology and general science, the industrial arts, physical education, or the physical sciences.

2. Biology and general science and any one of the following: agriculture, home economics, mathematics, the social studies, or the physical sciences.

3. Commerce and English or the social studies.

4. English and any one of the following: the fine arts, French, German, Latin, music, the social studies, or Spanish.

5. Fine arts and any one of the following: English, home economics, or the social studies.

6. Home economics and any one of the following: biology,[2] chemistry,[3] the fine arts, or physical education.

7. Industrial arts and any one of the following: agriculture, mathematics, physical education, or the physical sciences.

8. Mathematics and any one of the following: biology and general science, the industrial arts, the physical sciences, or the social studies.

9. Music and any one of the following: English, the modern languages, physical education, or the social studies.

10. Physical sciences and any one of the following: agriculture, biology and general science, the industrial arts, mathematics, or the social studies.

11. Social studies and any one of the following: biology and general science, commerce, English, the fine arts, French, Latin, mathematics, or the physical sciences.

Physical education may be taken as a third teaching subject with any of the above combinations. The minimum requirement is 15 hours as outlined in the curriculum in the State Manual of Physical Education. See also page 210.

[1]See footnote on page 157.
[2]Twenty hours.
[3]Sixteen hours.

TEACHERS OF AGRICULTURE

(See pages 116, 118, and 119.)

TEACHERS OF BIOLOGY AND GENERAL SCIENCE

Minimum requirements: *Hours*

Biology 20

Approved courses in biology: *Hours*

- Botany 1 and 2—General Botany 8
- Botany 31—Plant Ecology 4
- Botany 4—Systematic Botany 4
- Botany 141—Bacteriology 3
- Zoology 1 and 2 or 4 and 10 8
- Zoology 51—Physiology and Hygiene 4
- Zoology 125—Limnology 2
- Entomology 2 4

Chemistry—(from list approved for chemistry teachers) .. 8

Physics—(from list approved for physics teachers) 8

Geography and Geology 6

Approved courses in geography and geology: *Hours*

- Geology 1—Physiography 4
- Geology 9—Geol. and Geog. Influences 2
- Geology 102—General Geology 3
- Geology 108—Geology of West Virginia 2

TEACHERS OF CHEMISTRY AND PHYSICS

Minimum requirements: *Hours*

Chemistry 20

Courses in chemistry approved: *Hours*

- Chem. 1, 2, and 9 or 3 and 4 10
- Chem. 5 or 105—Qualitative Analysis 4
- Chem. 6 or 106—Quantitative Analysis 4
- Chem. 63—Physical Chemistry 3
- Chem. 233—Organic Chemistry 5
- Chem. 238—Organic Chemistry 4
- Chem. 218—Dairy Chemistry 3
- Chem. 222—Food Analysis 3

Physics 20

Courses in physics approved: *Hours*

- Physics 1, 2, 3, 4, and 9 or 10; or 105, 106, 107, and 108—(general) 10
- Physics 13—Introductory Radio 3
- Physics 14—Introductory Radio 3
- Physics 17—General Laboratory 2
- Physics 116—Photography 2
- Physics 121—Light 3
- Physics 123—Electrical Measures 3
- Physics 124—Radio 3

Mathematics 6

TEACHERS OF COMMERCIAL SUBJECTS

Minimum requirements:	*Hours*
Economics and Business Administration	36

Approved courses:	*Hours*
Economics 1 or 101 and 2 or 102—Principles of Economics—(prerequisite to all courses in Business Administration)	6
Economics 111—Money, Credit, and Banking	3
Economics 131, or Mathematics 238—Statistics, or Mathematics of Investment	3
Bus. Ad. 101 and 102—Principles of Accounting	6
Bus. Ad. 121—Marketing	3
Bus. Ad. 125—Advertising	3
Bus. Ad. 126—Retail Store Management	3
Bus. Ad. 127—Foreign Trade Methods (commerce)	3
Bus. Ad. 131—Business Management	3
Bus. Ad. 141—Business Law	3
Bus. Ad. 148—Sales Management	3
Social Studies	8
History	5
Geography	3

In order to get a first-class certificate to teach commerce, students must submit evidence of training or experience in stenography, commercial correspondence, and office practice.

TEACHERS OF ENGLISH

	Hours
Minimum requirements	40

Students should elect 25 hours from the following approved courses in English and do the remaining hours in the allied fields, journalism, public speaking, and library methods.

First and second years:	*Hours*
English 1 and 2—Composition	6
English 3 and 4—Literature	6
English 13—Composition	2
English 29—Language	3
English 65—Literature	2
Journalism 1	3
Public Speaking 1	3
Junior and senior years:	
English 142—Shakespeare	3
English 174—Lyric Poetry	2
English 175—Short Story	2
English 160—Contemporary Literature	2
English 161—Contemporary Literature	2
English 185—Masterpieces of World Literature	2
English 230—Language	3

English 276—The Novel 3
Journalism 21 or 30 3
Public Speaking 11 3
Public Speaking 33 2
Public Speaking 25 2
Library Methods 1 and 2 2

TEACHERS OF FRENCH

Minimum requirements ..... *Hours* 20

Required courses: *Hours*
French 5—Fiction of the Nineteenth Century 3
and
French 6—Drama of the Nineteenth Century 3
or
French 7 or 107—Advanced Readings 3
and
French 8 or 108—Advanced Readings 3
French 9 or 109—Grammar and Pronunciation .. 3
French 10 or 110—Advanced Conversation 3
French 115—Classical School 3
French 116—Classical School After Moliere 3
French 231—Phonetics and Pronunciation 2

Recommended courses:
French 221—Romantic Movement 3
French 222—French Literature Since 1850 3

A total of 20 hours in French is required for recommendation for a certificate. For students not having had two years of high school French, French 1 and 2 (3 hours each) are required in addition.

TEACHERS OF GERMAN

Minimum requirements: *Hours*
German[1] 20

Approved courses: *Hours*
German 1 and 2—Elementary German 6
German 3 and 4—Intermediate German 6
German 121—Scientific German 3
German 205 and 206—Classical German 6
German 207 and 208—Modern German 6
German 241 and 242—Faust 6
German 245 and 246—History of German Literature 6
German 251 and 252—History of German Language 6

English 6

Approved courses: *Hours*
English 231—Old English 3
English 233—Early Middle English 3

[1]Two units of entrance credit are required in German.

TEACHERS OF HOME ECONOMICS

(See pages 122 to 125.)

TEACHERS OF LATIN

Minimum requirements:

	Hours
With No Entrance Credit in Latin	30
With 1 Unit of Entrance Credit in Latin	25
With 2 or more Units of Entrance Credit in Latin	20

Required courses:

	Hours
Latin 14—Roman Comedy	3
Latin 21—Roman Letter Writing	3
Latin 25—Latin Composition	3
Latin 227—Vulgar Latin	3

Elective courses:

Latin 8—Cicero's *De Senectute* and *De Amicitia*	3
Latin 22—The Elegy and the Epigram	3
Latin 123—Livy	3
Latin 124—Horace and the Lyric Poets	3
Latin 234—History	3
Latin 235—Epic	3

TEACHERS OF MATHEMATICS

Minimum requirements:

	Hours
With 2 Units of Entrance Credit	17
With 3 or More Units of Entrance Credit	14

Approved courses:

	Hours
Mathematics 2—Solid Geometry	3
Mathematics 3 or 9—College Algebra	3
Mathematics 4 or 10—Plane Trigonometry	2
Mathematics 5—Analytic Geometry	3
Mathematics 28—Mathematical Theory of Investment	3
Mathematics 207—Differential and Integral Calculus	3
Mathematics 208—Differential and Integral Calculus	3
Teachers of Public School Music. (See pages 203 and 204.)	

TEACHERS OF PHYSICAL EDUCATION

(First or second Teaching Subject)

(See page 209.)

PART TIME TEACHERS OF PHYSICAL EDUCATION

(Third Teaching Subject)

(See page 210.)

TEACHERS OF THE PRACTICAL ARTS

(See pages 177 and 184.)

TEACHERS OF SOCIAL STUDIES

	Hours
Minimum requirements in social studies[1]	44

	Hours
History	20
Political Science	6
Sociology	6
Economics	6
Geography	6

Approved courses in history:	*Hours*
History 4 or 104	3 or 2
History 5 or 105	3 or 2
History 52	3
History 53	3
History 101	2
History 106	2
History 150	3
History 151 or 259	3

Approved courses in political science:	*Hours*
Political Science 4	3
Political Science 5	3
Political Science 106 or 107	3

Approved courses in sociology:	*Hours*
Sociology 1 or 101	3
Sociology 2 or 105	3
Sociology 210 or 231	3

Approved courses in economics:	*Hours*
Economics 1 and 2 or 101 and 102	6
Economics 21 and 22	6

Approved courses in geography:	
Geology 1 or 101	4
Geology 9	2
Geology 116	2

[1]This requirement may be reduced by 4 hours, subject to the approval of the adviser, provided the student has had 4 units of social studies in high school.

TEACHERS OF SPANISH

	Hours
Minimum requirements	20

Required courses:	*Hours*
Spanish 5—Contemporary Fiction	3
and	
Spanish 6—Drama of the Nineteenth Century	3
or	
Spanish 7 or 107—Advanced Readings	3
and	
Spanish 8 or 108—Advanced Readings	3
Spanish 9 or 109—Grammar and Conversation	3
Spanish 10 or 110—Advanced Conversation	3
Spanish 116—Civilization and Culture	3
Spanish 221—Literature of the Golden Age	3
Spanish 222—The Golden Age after Lope de Vega	3

Recommended courses:	*Hours*
Spanish 45—Lyric Poetry	3
Spanish 223—Spanish American Literature	2
Spanish 224—Spanish American Literature	2

A total of 20 hours in Spanish is required for recommendation for a certificate. For students not having had two years of high school Spanish, Spanish 1 and 2 (3 hours each) are required in addition.

THE COLLEGE OF ENGINEERING AND MECHANIC ARTS

THE SCHOOL OF MINES

ORGANIZATION

The College of Engineering and Mechanic Arts:

For the purpose of administration and instruction, the College of Engineering and Mechanic Arts is organized into the following departments or groups of departments:

The Department of Chemical Engineering (Ch. E.)
The civil engineering group (C. E.), comprising the following:
Department of Railway and Highway Engineering and Surveying
Department of Structural, Hydraulic and Sanitary Engineering
The Department of Electrical Engineering (E. E.)
The Department of Industrial Education (I. E.)
The mechanical engineering group (M. E.), comprising the following:
Department of Drawing, Machine Design and Construction and Industrial Engineering
Department of Power Engineering
The Department of Mechanics (M.)
A few courses of instruction, not included in the work of any particular department, are designated as General (G.)

The descriptive material appearing on the pages which follow outlines the requirements for the various degrees in engineering. A statement setting forth the organization and purposes of the College of Engineering and Mechanic Arts, including the work of the Engineering Experiment Station, appears on pages 44 to 46.

The School of Mines:

All the mining and industrial work of the University is organized under the School of Mines. For the purpose of administration, the school is divided into the following divisions:

The Department of Mining Engineering (E. M.)
The Department of Mining and Industrial Extension

The descriptive material appearing on pages 166 to 167 and 177 to 183, outlines the requirements for the four-year course leading to the degree of Bachelor of Science in Engineering of Mines, as well as the five-year combined course leading to the degrees of Bachelor of Science at the end of the fourth year, and Bachelor of Science in Engineering of Mines at the end of the fifth year.

The Department of Mining and Industrial Extension of the School of Mines conducts courses of instruction in practical subjects pertaining to the every-day work of various groups and industries in centers where a sufficient number requests the courses. Conferences on water-purification, fire-prevention, meter-reading, and other subjects are sponsored by the Department at stated intervals. A more comprehensive description of the work of the Department of Mining and Industrial Extension, including the Short Course in Coal Mining and vocational courses offered during the Summer Session and in extension, appears on pages 52 to 54.

BACCALAUREATE DEGREES

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, special students, requirements as to residence, classification of students, examinations, and grades, as set forth in the General Information section (Part II) of this Catalogue.

To receive any of the baccalaureate degrees conferred in the College of Engineering or the School of Mines the student must have satisfied all the entrance requirements and, except in the case of Industrial Education and the five-year curricula, must have received credit for 150 hours[1] including a summer term[2] equivalent to 5 hours, 3 hours of which shall be in residence and 2 hours in outside practice.

SUBSTITUTIONS

The following substitutions are regularly allowed in addition to special substitutions listed elsewhere: M. E. 1 and M. E. 7, or M. E. 1 and M. E. 11 for M. E. 9; M. E. 24 for C. E. 10; Chemistry 5, 6 or 15 (2 to 5 hours) for Chemistry 10; Chemistry 10 for 2 hours of Chemistry 5 or 6; Economics 1 and 2 or 1s and 2s for Economics 103, Economics 111 or 111s for Economics 110.

CREDIT FOR WORK DONE OUT OF RESIDENCE

To obtain credit for G.105s, G.106s, and G.107s, application should be made before the work is begun, and a daily record kept of the work done. A certified statement of this work, signed by the employer and accompanied by a full report prepared by the applicant, must be filed with the Dean of the College of Engineering or the Director of the School of Mines on or before October 1 of the school year following the completion of the work. Rules of procedure and application blanks may be obtained from the above.

[1]Students matriculating with 58 or more hours of credit may graduate with 148 hours, since physical education is not required of such students.

[2]The following courses are regularly scheduled for the Summer Session and should be taken at that time by all regular engineering students: M. E. 10 and 11—Chemical; M. E. 13s—Mechanical and Electrical; C. E. 5s and 107s—Civil; and E. M. 102s—Mining.

Students entering the College of Engineering or the School of Mines with considerable outside experience may apply for advanced standing for not more than a total of six hours for practical work in the following subjects done in the field, shops or drafting room: M. E. 1, 3, 4, 5, 7, 9, 10, 13s, 14, 20, 22, 24, 105; C. E. 1, 2, 3, 5s, 10, 107s; and E. E. 1.

THESIS

Any candidate for a baccalaureate degree in engineering may with the consent of his major professor prepare a thesis on some subject relating to a special branch of engineering or other department of applied science. It must be fully elaborated and accompanied by the necessary working drawings or models required for the proper elucidation of the subject of the thesis. With its accompanying drawings it will be presented for approval, first to the instructor under whose guidance it has been prepared, then to the head of the department in which the degree is to be conferred. A typewritten copy of the thesis prepared according to official specifications for the thesis and signed by the instructor in charge and the head of the department, must be placed in the University library before graduation. A small fee is charged for binding.

COURSES OF INSTRUCTION

For a detailed description of the courses offered in the College of Engineering and Mechanic Arts see pages 278 to 290. For a description of courses offered in the School of Mines see pages 299 and 300.

COLLEGE OF ENGINEERING CURRICULA

1. A four-year curriculum leading to the degree of Bachelor of Science in Chemical Engineering, with options in metallurgy and ceramics.

2. A four-year curriculum leading to the degree of Bachelor of Science in Civil Engineering, with option in sanitary engineering.

3. A four-year curriculum leading to the degree of Bachelor of Science in Electrical Engineering.

4. A four-year curriculum leading to the degree of Bachelor of Science in Industrial Education.

5. A four-year curriculum leading to the degree of Bachelor of Science in Mechanical Engineering.

6. Combined science and engineering curricula extending over five or more years leading to the degrees of Bachelor of Science, and Bachelor of Science in Engineering.

CHEMICAL ENGINEERING

The object of the four-year course in chemical engineering is to qualify young men to design, build, and manage manufacturing plants in which the products of manufacture are based on chemical processes and to fit men for professional employment as industrial chemists and chemical engineers.

The curriculum outlined on the following page includes fundamental courses in inorganic, analytical, organic and physical chemistry; in shop practice, mechanical drawing and chemical plant design; in physics, theoretical and applied mechanics, mechanical and electrical engineering; in mineralogy, metallurgy; and in industrial chemistry and chemical engineering. This curriculum is designed to give the student a thorough knowledge of the basic principles of those subjects which experience has shown are essential to one entering the chemical engineering profession.

Students taking Chemistry 10 (2 Hrs.) in the summer session may take Chemistry 6 (5 Hrs.), or Chemistry 6 (3 Hrs.) and Ch. E. 102 (2 Hrs.) in the second semester of their second year; all other chemical engineering students will take Chemistry 6 (5 Hrs.). By taking Chemistry 10 (2 Hrs.) in the summer session a student may complete the 150-hour requirement with an option of 6 instead of 8 hours in his fourth year. These options are in four groups: chemical, ceramic, metallurgical and commercial engineering. Thesis subjects will usually be selected from problems related to the development of the natural resources of West Virginia as foundations for chemical industries.

Students preparing to take the course in chemical engineering should present German for entrance. A student may secure a broader training in language, economics, history, science, applied chemistry and engineering by taking the combination Bachelor of Science and Engineering course. By a careful selection of electives both degrees may be secured in five years.

Metallurgy Option. Students electing the metallurgy option in chemical engineering should take the following courses as their fourth year electives: Ch. E. 211 (3 Hrs.), Ch. E. 232 (2 Hrs.), Ch. E. 222 (2 Hrs.), and Ch. E. 223 (2 Hrs.). Ch. E. 124 (2-5 Hrs.) may be offered in place of one of the above courses by students who have shown marked ability along metallurgical lines.

Ceramic Option. Students electing the ceramic option in chemical engineering should substitute Ch. E. 211 (3 Hrs.) for C. E. 115 (3 Hrs.) and Ch. E. 230 (3 Hrs.) for Ch. E. 201 (3 Hrs.). In addition, they should take Ch. E. 231 (2 Hrs.), Ch. E. 232 (2 Hrs.), and Ch. E. 233 (2 Hrs.) as their senior electives, but students showing marked ability in ceramics may offer Ch. E. 124 (2-5 Hrs.) in place of either of these three courses. Students electing the ceramic option will be required to do their G. 105s in some approved ceramic industry.

Note: See page 183, special curricula for students with irregular preparation.

CURRICULUM IN CHEMICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Chemical Engineering

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 5—Foundry	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	18

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
C. E. 1—Surveying	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 22—Drawing	2
	19

M. E. 11—Machine Work, Summer	2
M. E. 10—Pipe Fitting, Summer	1
Chem. 10—Quan. Analysis—Optional, Summer	2

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Math. 107—Calculus	3
Chem. 5—Qual. Analysis	4
Mil. 3—Military Science	1
M. E. 24—Empirical Design	2
M. E. 26—Descriptive Geom.	3
	18

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Math. 108—Calculus	3
Chem. 6—Quant. Analysis	3 or 5
Ch. E. 102—Blow-pipe and Assay.	2 or 0
Mil. 4—Military Science	1
M. 101—Statics	3
E. M. 106—Mineralogy	1
	18

G. 105s—Summer Practice—Out of Residence 2

Third Year—First Semester	*Hrs.*
Chem. 233—Organic Chem.	5
Chem. 260—Physical Chem.	3
E. M. 202—Coal Lab.	1
M. 102—Mech. of Materials	4
M. 103—Materials Test. Lab.	1
M. E. 221—Thermodynamics	3
G. 101—Eng'g. Society	½
	17½

Third Year—Second Semester	*Hrs.*
Chem. 261—Physical Chem.	3
C. E. 115—Hydraulics	3
M. E. 29—Mechanism	4
M. E. 122—Mechanical Lab.	2
M. 104—Kinetics	3
Ch. E. 201—Benzene Deriv.	3
G. 102—Eng'g. Society	½
	18½

Fourth Year—First Semester	*Hrs.*
Econ. 103—Prin. of Economics	3
E. E. 110—Elements of E. E.	5
Ch. E. 205—Ch. E. and Mfrs.	3
Ch. E. 206—Ind. Chem. Lab.	2
Ch. E. 220—Metallurgy	2
Ch. E. 221—Metallurgy Lab.	1
G. 103—Eng'g. Society	½
Options—(see below)	2
	18½

Fourth Year—Second Semester	*Hrs.*
Eng. 186—English	1
M. E. 111—Machine Design	2
Ch. E. 207—Ch. E. and Mfrs.	2
Ch. E. 208—Chem. Eng'g. Lab.	2
Ch. E. 209—Chemical Plants	2
Ch. E. 210—Electro Ch. Ind.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options—(see below)	3 or 5
	17½

Options

Ch. E. 101, 102, 124, 202, 211, 212, 222, 223, 230, 231, 232, 233	2 to 5
E. E. 214—Ind. Appl. of Elec.	3
M. E. 112—Machine Drawing	2
M. E. 207—Industrial Eng'g.	3
M. E. 223—Power Plant Design	3
G. 110—Business Law	3
Geol. 105—General Geology	3
Econ. 110—Money, Cr. and Bk.	2
Chem. 107, 238, 252, 262	2 to 5

CIVIL ENGINEERING

The course in civil engineering has been planned so that the student will get a substantial foundation for the work of the civil engineer. Emphasis is placed on the subjects underlying the science of engineering, such as physics, mathematics, etc., and these subjects are presented to the engineering students, not as an end in themselves, but as a means for the solution of engineering problems. The professional subjects are taught by means of recitations, lectures, drawing room work, laboratory work and field work.

Civil engineering includes topographical and geodetic engineering, which has to do with measurements of land surfaces; railroad and highway engineering, comprising the construction and maintenance of railroad lines and highways and the economic features governing them; municipal engineering, comprising the construction of sewers, water-works, etc., structural engineering, comprising the construction of buildings, bridges, foundations, docks, walls, piers, and other fixed structures; and hydraulic engineering comprising the development of water power, the transference of water from place to place, etc. The field is so broad that no man can ever become an expert over its whole extent, but fortunately all of these various branches rest upon a very small body of principles, and the student is not forced to specialize until he enters active practice.

In addition to the sanitary option, outlined below, the student is offered the choice of two options in the second semester of the fourth year, one of which devotes more time to the subject of railroad and highway engineering, the other to the subject of hydraulic engineering.

OPTIONAL COURSE IN SANITARY ENGINEERING

Students in civil engineering who desire to specialize in sanitary engineering are required to make the following substitutions:

Third year—first semester, Bacteriology 141 (3 Hrs.) for Geology 11 (3 Hrs.). Third year—second semester, Ch. E. 202 (2 Hrs.) for Economics 110 (2 Hrs.).

Fourth year—first semester, C. E. 202 (4 Hrs.) for C. E. 123 (4 Hrs.). Fourth year—second semester, Economics 110 (2 Hrs.) for optional subject (2 Hrs.), C. E. 117 (2 Hrs.) for optional subject (2 Hrs.), C. E. 202 (3 Hrs.) for C. E. 204 (3 Hrs.), and C. E. 205 (3 Hrs.) for C. E. 102 (3 Hrs.).

Note: See page 183, special curricular for students with irregular preparation.

CURRICULUM IN CIVIL ENGINEERING

Leading to the Degree of Bachelor of Science in Civil Engineering

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 20—Drawing	2
M. E. 9—Shop	2
G. 1—Eng'g. Lectures	
	18

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	19

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Math. 107—Calculus	3
Chem. 10—Quan. Analysis	2
Mil. 3—Military Science	1
M. E. 26—Descriptive Geom.	3
C. E. 3—Advanced Surveying	2
C. E. 10—Struc. Drafting	2
	18

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Math. 108—Calculus	3
Geol. 102—General Geology	4
Mil. 4—Military Science	1
C. E. 4—Topo. Surveying	2
M. 101—Statics	3
	18

C. E. 5s—Surveying, Summer 1
G. 105s—Summer Practice—Out of Residence 2

Third Year—First Semester	*Hrs.*
Geol. 11—Economic Geology	3
Econ. 103—Prin. of Economics	3
M. 102—Mech. of Materials	4
M. 103—Materials Test. Lab.	1
M. E. 120—Heat Eng'g.	3
C. E. 101—Railway Location	3
G. 101—Eng'g. Society	½
	17½

Third Year—Second Semester	*Hrs.*
Econ. 110—Money, Cr. and Bk.	2
M. 104—Kinetics	3
M. E. 122—Mechanical Lab.	2
E. E. 101—Applied Electricity	4
C. E. 115—Hydraulics	3
C. E. 121—Roofs and Bridges	4
G. 102—Eng'g. Society	½
	18½

C. E. 107s—Railroad Surveying, Summer 2

Fourth Year—First Semester	*Hrs.*
C. E. 102—Railway Maint.	3
C. E. 104—Roads and Pav.	3
C. E. 116—Water Sup. Eng'g.	3
C. E. 120—Materials of Const.	2
C. E. 123—Bridge Design	4
C. E. 207—Foundations	3
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester	*Hrs.*
Eng. 186—English	1
G. 110—Busines Law	3
C. E. 118—Sanitary Eng'g.	3
C. E. 204—Adv. Structures	3
C. E. 206—Concrete Const.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options—(see below)	4
	17½

Options

C. E. 103—Railway Economy.	2
C. E. 105—Highway Econ.	2
C. E. 106—Highway Lab.	2
C. E. 124—Thesis	2 to 4
C. E. 200—Water Pow. Eng'g.	2
Ch. E. 202—Water Ex.	2

ELECTRICAL ENGINEERING

The course in electrical engineering is intended to give the student that theoretical and practical instruction which will enable him to obtain a basic knowledge of the application of electricity.

The work of the first two years is largely preparatory to the technical training of the last two years, and parallels closely that of the mechanical engineering course. This gives the requisite foundation in English, mathematics, physics, chemistry, drafting and the elements of shop practice. Electrical construction is taken up at an early part of the course so that the student may profit by it when seeking summer employment. Some of the fundamental principles of electricity and magnetism are studied in the course in physics.

The purely electrical engineering courses begin with the third year. In the first semester of this year the elements of electrical engineering are taken up. The theory is studied in the classroom and then experimentally proved or verified in the laboratory. In the second semester this study is continued to include the design, construction and operation of direct current machinery as well as the theory of alternating currents. In addition to the electrical studies the following supplementary subjects are covered during the year: hydraulic, thermodynamics. and heat engines; mechanics, mechanical laboratory practice; economics; and money, credit, and banking.

The fourth year is largely devoted to a study of the commercial applications of electricity either directly or indirectly. The design, construction, and operation of alternating current apparatus are studied in the class and laboratory. The generation of electrical energy, its distribution and utilization, together with the economic factors to be considered, are covered by the course in electrical generation and distribution, which is continued into the second semester as a design course. Previous to this second semester's work in general design, the fundamentals of design are covered in the courses in machine design and electrical design and calculations. An introductory course in illumination and signalling is intended to acquaint the student with the fundamentals of illuminating engineering and of the transmission of intelligence by the use of electricity. The course in advanced laboratory is included to give the student an opportunity for original work.

In his fourth year the student has a choice of 5 hours of optional courses, from which he may select those courses of particular value or interest to him. These options are listed on the opposite page below the schedule of courses.

Note: See page 183, special curricular for students with irregular preparation.

CURRICULUM IN ELECTRICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Electrical Engineering

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	18

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
C. E. 1—Surveying	1
M. E. 22—Drawing	2
E. E. 1—Electrical Const.	2
	19

M. E. 13s—Machine Work, Summer 3

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Math. 107—Calculus	3
Chem. 10—Quan. Analysis	2
Mil. 3—Military Science	1
M. E. 5—Foundry	2
M. E. 24—Empirical Design	2
M. E. 26—Descriptive Geom.	3
	18

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Math. 108—Calculus	3
Mil. 4—Military Science	1
M. 101—Statics	3
M. E. 4—Pattern Making	2
M. E. 29—Mechanism	4
	18

G. 105s—Summer Practice—Out of Residence 2

Third Year—First Semester	*Hrs.*
Econ. 103—Prin. of Economics	3
M. 102—Mech. of Materials	4
M. 103—Materials Test Lab.	1
C. E. 115—Hydraulics	3
M. E. 221—Thermodynamics	3
E. E. 100—Elements of E. E.	4
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester	*Hrs.*
Econ. 110—Money, Cr. and Bk.	2
M. 104—Kinetics	3
M. E. 122—Mechanical Lab.	2
M. E. 222—Heat Engines	3
E. E. 200—D. C. Machinery	4
E. E. 201—A. C. Theory and Meas.	3
G. 102—Eng'g. Society	½
	17½

Fourth Year—First Semester	*Hrs.*
G. 110—Business Law	3
M. E. 223—Steam Pow. Plants	3
E. E. 202—A. C. Machinery	3
E. E. 204—E. Des. and Calc.	3
E. E. 205—Electrical Lab.	2
E. E. 207—E. Transmission	3
G. 103—Eng'g. Society	½
	17½

Fourth Year—Second Semester	*Hrs.*
Eng. 186—English	1
M. E. 228—Eng'g. Lab.	2
E. E. 104—Illumination	2
E. E. 203—A. C. Machinery	3
E. E. 206—Alvanced E. Lab.	2
E. E. 208—E. Design	2
G. 104—Eng'g. Society	½
Inspection Trip	
Options—(see below)	6
	18½

Options

E. E. 105—Thesis	2 to 5
E. E. 209—Electric Traction	2
E. E. 210—Rate Making	2 or 3
E. E. 211—Electric Problems	2
E. E. 212—Transients, Surges and Electric Waves	3
E. E. 213—E. Pow. Trans. and Dist.	3
E. E. 214—Ind. Appl. of Elec.	3
E. E. 216—Telephone Eng'g.	3
Ch. E. 210—Electrochemical Industries	2 or 3
M. E. 111—Machine Design	2
M. E. 112—Machine Drawing	2
Math. 240—Dif. Equations	3

MECHANICAL ENGINEERING

The aim of the course in mechanical engineering is to give the student such mental equipment as will enable him to deal most effectively both technically and commercially with general engineering problems. All possible practice is given in the work that an engineer is ordinarily called on to do, but greater stress is laid on a thorough knowledge of those underlying principles and methods which are the foundation of all engineering professions. To this is added a study of those economic subjects which are essential to a thorough understanding of sound business methods. Options are provided in the fourth year which enable the student to specialize in accordance with his natural inclination. Students selecting the power option or the industrial option in the first semester are required to take at least 3 hours in the same group during the second semester.

The work in pure mathematics is terminated at the end of the second year, and applications follow in the recitation room courses in mechanism, statics, mechanics of materials, dynamics and machine design. Steam engineering begins with the course in thermodynamics in the third year and is continued by the courses in heat engines and power plant design with options in the design of steam boilers and turbines. A sufficient amount of electrical engineering is given in the third and fourth years to enable the student to handle engineering operations involving the simpler electrical problems, with additional courses available in the electrical option.

The shop work, commencing in the first year, is planned to acquaint students with the fundamental tools and mechanical operations, to enable them to acquire a reasonable amount of manual dexterity, and to furnish them continuously with practical examples of the principles studied in the class rooms. With those selecting the industrial option a study is made of the methods used in manufacturing plants and engineering establishments, and of the principles of industrial management.

Drafting room work is given throughout the four years, starting with elementary mechanical drawing in the first year. The courses in mechanism, machine design and power plant design are accompanied by drawing room work, giving practical applications of the principles studied in the class room, and constant practice in the execution of drawings.

The engineering laboratories provide the students with practice in testing, handling and caring for a large variety of machinery, including steam, air, gas, hydraulic, material-testing and power-transmission machinery. One half-day a week is devoted to this work during the last two years.

Note: See page 183, special curricular for students with irregular preparation.

CURRICULUM IN MECHANICAL ENGINEERING

Leading to the Degree of Bachelor of Science in Mechanical Engineering

First Year—First Semester	*Hrs.*	*First Year—Second Semester*	*Hrs.*
Eng. 1—Comp. and Rhet.	3	Eng. 2—Comp. and Rhet.	3
Math. 3—Algebra	3	Math. 5—Analytic Geom.	3
Math. 4—Trig.	2	Math. 6—Trig. and Algebra	2
Chem. 3—Inorganic Chem.	4	Chem. 4—Inorganic Chem.	4
Mil. 1—Military Science	1	Mil. 2—Military Science	1
P. E. 1—Ser. Prog. (Men)	1	P. E. 2—Ser. Prog. (Men)	1
M. E. 1—Pattern Making	1	C. E. 1—Surveying	1
M. E. 7—Forging	1	M. E. 5—Foundry	2
M. E. 20—Drawing	2	M. E. 22—Drawing	2
G. 1—Eng'g. Lectures			
	18		19

M. E. 13s—Machine Work, Summer 3

Second Year—First Semester	*Hrs.*	*Second Year—Second Semester*	*Hrs.*
Physics 105—G. Physics	4	Physics 106—G. Physics	4
Physics 107—G. Physics Lab.	1	Physics 108—G. Physics Lab.	1
Math. 107—Calculus	3	Math. 108—Calculus	3
Chem. 10—Quant. Analysis	2	Mil. 4—Military Science	1
Mil. 3—Military Science	1	M. 101—Statics	3
M. E. 4—Pattern Making	2	M. E. 10—Pipe Fitting	1
M. E. 24—Empirical Design	2	M. E. 14—Machine Work	1
M. E. 26—Descriptive Geom.	3	M. E. 29—Mechanism	4
	18		18

G. 105s—Summer Practice—Out of Residence 2

Third Year—First Semester	*Hrs.*	*Third Year—Second Semester*	*Hrs.*
Econ. 103—Prin. of Economics	3	Econ. 110—Money, Cr. and Bk.	2
M. 102—Mech. of Materials	4	M. 104—Kinetics	3
M. 103—Materials Test. Lab.	1	E. E. 103—Elements of E. E.	4
E. E. 102—Elements of E. E.	4	M. E. 111—Machine Design	2
M. E. 105—Machine Const.	2	M. E. 112—Machine Drawing	2
M. E. 221—Thermodynamics	3	M. E. 122—Mechanical Lab.	2
G. 101—Eng'g. Society	½	M. E. 222—Heat Engines	3
		G. 102—Eng'g. Society	½
	17½		18½

Fourth Year—First Semester	*Hrs.*	*Fourth Year—Second Semester*	*Hrs.*
C. E. 115—Hydraulics	3	Eng. 186—English	1
C. E. 122—Structural Eng'g. or		G. 110—Business Law	3
Ch. E. 220—Metallurgy	2	E. E. 214—Ind. Appl. of Elec.	3
Ch. E. 221—Metallurgy Lab.	1	M. E. 227—Pow. Plant Design	2
M. E. 123—Eng'g. Lab.	2	M. E. 228—Eng'g. Lab.	2
M. E. 201—Machine Design	2	G. 104—Eng'g. Society	½
M. E. 202—Machine Drawing	2	Inspection Trip	
M. E. 223—Steam P. Plants	3	Options—(see below)	6
G. 103—Eng'g. Society	½		
Options—(see below)	3		
	18½		17½

Options

M. E. 106—Shop Methods	2 or 3
M. E. 124—Thesis	2 to 4
M. E. 205—Industrial Eng'g.	3
M. E. 206—Industrial Eng'g.	3
M. E. 207—Industrial Eng'g.	3
M. E. 224—Steam Turbines	3
M. E. 225—Gas Eng'g.	3
M. E. 226—Heat. and Vent.	2 or 3
E. E. 204—E. Desn. and Calc.	3
E. E. 210—Rate Making	2

INDUSTRIAL EDUCATION

The object of this course is to prepare men and women to teach vocational industrial subjects in high schools, vocational schools, night schools, part-time schools, and schools in industrial plants and to supervise work in connection with the administration of the State and Federal vocational education statutes. It is intended to give students a broad, flexible, practical education upon which they can build a life of usefulness and service and which will enable them to pursue graduate work with assurance and confidence.

In addition to the shop courses taken in the University, not less than 18 weeks of work must be done under commercial and trade conditions. This work should be approved by the instructor before the student enters upon it. It will carry 5 hours of credit in G. 106s and 107s. A monthly report will be required on the work done.

Electives may be made from the following grouping. Whenever a new subject is started, at least 8 hours must be taken in that subject and all prerequisites must be met. Electives in subjects other than those listed may be allowed when approved by the adviser, the Faculty and the Committee on Scholarship. A total of 133 hours are required for graduation in this course.

Those who have a satisfactory trade experience of two years beyond the period of apprenticeship in accordance with the state plan for vocational education and who take this course will be eligible to teach their trade as well.

The course of any candidate for a degree will include:

Subject	*Hrs.*	*Subject*	*Hrs.*
English	12	Economics	6
Physics	10	Public Speaking	6
Chemistry	10	Education (8 Hrs. in I. E.)	15
Drawing	6	Outside Shop Work	5
Shop Work	30	Military (when required)	4
Mathematics	5	Physical Education	2

Electives will be chosen from the following groups except as noted above:

Subject	*Hrs.*	*Subject*	*Hrs.*
English	6	Shops	5
Physics	10	Mathematics	11
Chemistry	20	Education	5
Drawing	9	Social or Political Science	9
Physical Education[1]	23	Natural Science	9
		History	9

Not less than 8 hours may be chosen from any branch of engineering in which the student is prepared to meet the requirements of the course.

[1]Including Physical Education 75, 78, 152, 276, and 277, and 8 hours made up of selected work from courses 11, 12, 43, 44, 111, 112, 143, and 144.

At least 8 hours in industrial education including I. E. 124 and 164 are required. The rest of the work in education will be taken in the College of Education.

CURRICULUM IN INDUSTRIAL EDUCATION

Leading to the Degree of Bachelor of Science in Industrial Education

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Eng. 3—Evol. and Eng. Lit.	3
Chem. 3—Inorganic Chem.	4
Math. 3—Algebra	3
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 1—Pattern Making	1
M. E. 7—Forging	1
M. E. 20—Drawing	2
	19

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Eng. 4—Evol. of Eng. Lit.	3
Math. 4—Trig.	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
M. E. 5—Foundry	2
M. E. 22—Drawing	2
	18

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Econ. 11—Prin. of Economics	3
Pub. Spkg. 1—Voice, Diction	3
Mil. 3—Military Science	1
M. E. 2—Woodworking	2
M. E. 11—Machine Work	2
	16

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Econ. 12—Prin. of Economics	3
Pub. Spkg. 11—Effec. Spkg.	3
Mil. 4—Military Science	1
M. E. 12—Machine Work	1
M. E. 24—Empirical Design	2
M. E. 103—Foundry Work	3
	18

Third and fourth years to be arranged. See preceding page for requirements.

SCHOOL OF MINES CURRICULA

1. A four-year curriculum leading to the degree of Bachelor of Science in Engineering of Mines, with options in coal mining and oil and gas engineering.

2. Combined science and engineering curricula extending over five or more years leading to the degrees of Bachelor of Science, and Bachelor of Science in Mining Engineering.

MINING ENGINEERING

Mining engineering deals with the processes and appliances used in the extraction of minerals from within the earth. Not only must the mining engineer be thoroughly trained in mining and geology, but also in the application of the fundamental principles of civil, electrical and mechanical engineering to mining conditions.

The first two years of the course in mining engineering are devoted to a thorough training in the underlying principles of mathematics, physics and chemistry. Supplementing these are courses in surveying, including mine surveying, and English, drawing, and shop work. For the last two years of the course two options are provided, one in coal mining and one in geological, oil, and gas engineering. The student is permitted to state his choice of option at the beginning of the second year.

COAL MINING

In the Coal Mining Option the study of coal mining is taken up in the third year. This study includes the geology and classification of coals; explosives and blasting; prospecting; shaft sinking and tunneling; methods of working; haulage, hoisting and pumping; and the preparation of coal for the market. A course in the projection of mine workings and the design of mining plants is offered throughout the fourth year. A thorough course in mine gases and the ventilation of mines is given in the first half of the fourth year, supplemented by work in the mining laboratory. The course in fuels is designed to give the student a knowledge of the various fuels that are utilized in engineering practice, while the courses in metallurgy acquaint him with the minerals and processes used in manufacture of iron and steel. The course in mine management presents the economic, social, and financial considerations to be met in the successful management of a mining enterprise.

The study of steam engineering begins with the course in heat engineering, and practice in the handling and care of instruments and machinery and in the solution of practical engineering problems is offered in the mechanical laboratory. These courses are followed by courses in electrical engineering and structural engineering.

A training in the science of geology is offered by the courses in mineralogy and general geology. These courses may be supplemented by the study of the economic geology of the non-metallic minerals in the fourth year, special attention being paid to the geology of coal, oil and gas. Should the student desire further work in geology a course in field geology is offered as an elective subject.

The courses in economics, business law, and industrial engineering furnish the fundamental business training so essential for the engineer.

Note: See page 183, special curricula for students with irregular preparation.

CURRICULUM IN MINING ENGINEERING

(COAL MINING OPTION)

Leading to the Degree of Bachelor of Science in Engineering of Mines

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 9—Shop	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	18

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	19

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Math. 107—Calculus	3
Mil. 3—Military Science	1
C. E. 3—Advanced Surveying	2
M. E. 10—Pipe Fitting	1
M. E. 23—Drawing	2
M. E. 26—Descriptive Geom.	3
E. M. 106—Mineralogy	1
	18

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Math. 108—Calculus	3
Chem. 6—Quant. Analysis	4
Mil. 4—Military Science	1
M. 101—Statics	3
E. M. 101—Mine Surveying	2
	18

E. M. 102s—Mine Surveying—Summer 3

Third Year—First Semester	*Hrs.*
Econ. 103—Prin. of Economics	3
Geol. 102—General Geology	4
M. 102—Mech. of Materials	4
M. 103—Materials Test. Lab.	1
M. E. 120—Heat Eng'g.	3
E. M. 111—Mining	2
G. 101—Eng'g. Society	½
	17½

Third Year—Second Semester	*Hrs.*
Econ. 110—Money, Cr. and Bk.	2
M. 104—Kinetics	3
M. E. 122—Mechanical Lab.	2
C. E. 115—Hydraulics	3
E. M. 107—Mining Methods	4
E. M. 112—Coal Mining	4
G. 102—Eng'g. Society	½
	18½

G. 105s—Summer Practice—Out of Residence 2

Fourth Year—First Semester	*Hrs.*
G. 110—Business Law	3
Ch. E. 220—Metallurgy	2
E. E. 102—Elements of E. E.	4
C. E. 122—Structural Eng'g.	3
E. M. 113—Mine Ventilation	3
E. M. 115—Mining Design	2
E. M. 202—Coal Lab.	1
G. 103—Eng'g. Society	½
	18½

Fourth Year—Second Semester	*Hrs.*
Eng. 186—English	1
E. E. 103—Elements of E. E.	4
E. M. 114—Mine Management	1
E. M. 116—Mining Design	3
E. M. 118—Mining Lab.	3
G. 104—Eng'g. Society	½
Inspection Trip	
Options from list below	5
	17½

Options

E. M. 120—Thesis	2 to 4
E. M. 203—Geol. Surveying	2
Ch. E. 102—B. P. and Assaying	2
Ch. E. 211—Fuels	3
Ch. E. 221—Met. Lab.	1
Ch. E. 222—Non-Fer. Met.	2
Ch. E. 232—Refractories	2
C. E. 206—Concrete Const.	3
M. E. 207—Industrial Eng'g.	3
Geol. 11—Economic Geol.	4
Geol. 162—Field Geol.	3
Geol. 211—Mineral Fuels	3 or 4

GEOLOGICAL AND OIL AND GAS ENGINEERING

This option is planned to meet the needs of the engineer who is more interested in the geological aspect of mining than in the actual operation of a mining property. There is a growing demand for the so-called mining geologist who, while he has had a thorough training in the fundamentals of engineering in general and of mining engineering in particular, yet is specially qualified to work out the detailed geological features of mining properties and to make reports on them. This is particularly true in the case of oil and gas companies, where accurate geological knowledge in advance of actual drilling operations is of the greatest importance in the economical development of the field. Besides the opportunities offered by mining companies, many of our railroads maintain a corps of geologists while the several states and the Federal government are continually carrying on geological investigations. This course also offers an excellent preparation for those who propose to carry on graduate work.

In the third year the course differs from the coal mining option in that organic chemistry and geological courses are substituted for the courses in coal mining. A course in field geology in which the student prepares a geological map and a complete report on an assigned area enables him to apply the geological knowledge he received in his second year. The fundamentals of mining are studied in the fourth year as well. The study of oil and gas geology treats of the origin, properties, distribution and mode of accumulation of oil and gas, and familiarizes the students with many sources of information on this subject. The courses in oil and gas production and oil refining take up the subjects of the chemical and physical properties of petroleum and natural gas, their extraction and subsequent treatment, the valuation of oil and gas properties, reports on them, and the actual testing in the laboratory of various oils, oil shales, and natural gas.

A thorough grounding in the fundamentals of business is afforded by the courses in economics; money, credit, and banking; business law; and industrial engineering.

Note: See page 183, special curricula for students with irregular preparation.

CURRICULUM IN MINING ENGINEERING

(OIL AND GAS OPTION)

Leading to the Degree of Bachelor of Science in Engineering of Mines

First Year—First Semester	*Hrs.*
Eng. 1—Comp. and Rhet.	3
Math. 3—Algebra	3
Math. 4—Trig.	2
Chem. 3—Inorganic Chem.	4
Mil. 1—Military Science	1
P. E. 1—Ser. Prog. (Men)	1
M. E. 9—Shop	2
M. E. 20—Drawing	2
G. 1—Eng'g. Lectures	
	18

First Year—Second Semester	*Hrs.*
Eng. 2—Comp. and Rhet.	3
Math. 5—Analytic Geom.	3
Math. 6—Trig. and Algebra	2
Chem. 4—Inorganic Chem.	4
Mil. 2—Military Science	1
P. E. 2—Ser. Prog. (Men)	1
C. E. 2—Surveying	3
M. E. 22—Drawing	2
	19

Second Year—First Semester	*Hrs.*
Physics 105—G. Physics	4
Physics 107—G. Physics Lab.	1
Math. 107—Calculus	3
Geol. 102—General Geology	4
Mil. 3—Military Science	1
M. E. 10—Pipefitting	1
M. E. 23—Drawing	2
M. E. 26—Descriptive Geom.	3
	19

Second Year—Second Semester	*Hrs.*
Physics 106—G. Physics	4
Physics 108—G. Physics Lab.	1
Math. 108—Calculus	3
Geol. 103—Historical Geology.	4
Chem. 6—Quant. Analysis	5
Mil. 4—Military Science	1
	18

Third Year—First Semester	*Hrs.*
Econ. 103—Prin. of Economics	3
Chem. 233—Organic Chem.	5
M. 101—Statics	3
C. E. 3—Advanced Surveying	2
Ch. E. 220—Metallurgy	2
E. M. 106—Mineralogy	1
E. M. 111—Mining	2
G. 101—Eng'g. Society	½
	18½

Third Year—Second Semester	*Hrs.*
Econ. 110—Money, Cr. and Bk.	2
Geol. 162—Field Geology	3
Geol. 205—Structural Geology	3
Geol. 211—Mineral Fuels	3
M. 102—Mech. of Materials	4
M. 103—Materials Test. Lab.	1
E. M. 101—Mine Surveying	2
G. 102—Eng'g. Society	½
	18½

G. 105s—Summer Practice—Out of Residence	2
E. M. 102s—Mine Surveying—Summer	3

Fourth Year—First Semester	*Hrs.*
M. 104—Kinetics	3
M. E. 120—Heat Eng'g.	3
M. E. 122—Mechanical Lab.	2
Ch. E. 101—Oil Lab.	1
Ch. E. 212—Oil Refining Lab.	2
G. 110—Business Law	3
E. M. 201—Oil and Gas Prod.	2
G. 103—Eng'g. Society	½
	16½

Fourth Year—Second Semester	*Hrs.*
Eng. 186—English	1
E. E. 101—Applied Electricity	4
C. E. 115—Hydraulics	3
Ch. E. 211—Fuels	3
E. M. 203—Geol. Surveying	2
G. 104—Eng'g. Society	½
Inspection Trip	
Options from the list below	4
	17½

Options

E. M. 112—Coal Mining	4
E. M. 120—Thesis	2 to 4
Ch. E. 102—Blow Pipe and Assaying	2
Ch. E. 201—Benzene Deriv.	3
Ch. E. 222—Non-Fer. Met.	2
C. E. 206—Concrete Const.	3
M. E. 207—Industrial Eng'g.	3
Geol. 11, 204	4
Chem. 107, 238, 260	3 to 5

FIVE-YEAR CURRICULA

Leading to the Degree of Bachelor of Science and Degrees in Engineering and Mining Engineering.

These curricula are designed to meet the needs of students who wish a broader training in liberal arts subjects than is provided in a four-year curriculum. The work outlined for the first four years may also be taken by students who desire a general scientific course with engineering as a major as a preparation for the study of law, business, business administration, or some branch of science, or for teaching mathematics and science.

(A) Requirements for the degree of Bachelor of Science, to be conferred at the end of the fourth year.

Subject	*Hours*
The requirements in the first three years of any four-year engineering curriculum, except summer practice[1]	112
Additional Economics (to meet group requirements)	1
One Foreign Language	12
Electives from one of the following groups:	6
(1) English, Journalism, Public Speaking	
(2) Foreign Language	
(3) History	
(4) Political Science	
(5) Philosophy and Sociology	
Total	131

(B) Requirements for the Bachelor of Science degree in Engineering to be conferred upon completion of the fifth year.

Summer Practice 105s	2
The work outlined for the fourth year in the department in which the first degree was taken	36
Total for Five Years	169

SPECIAL CURRICULA

1. *Elective Groups for Students in Other Colleges.* Candidates for degrees other than engineering degrees and special students in any department of the University are permitted to elect subjects in the College

[1]Candidates for the degree of Bachelor of Science in Chemical Engineering may postpone 3 hours of third year work until the fifth year to take the place of economics required for the degree of Bachelor of Science.

Candidates for degrees in civil and mining engineering may substitute other work for M. E. 9—2 hours.

In special cases students may, with the approval of the adviser and Committee on Scholarship, be permitted to substitute a limited amount of fourth year work in the same curriculum for third year subjects.

of Engineering and School of Mines, provided, in each case they have had the subjects specified as prerequisites. Students who wish to take a general classical or scientific course of study before taking the engineering curriculum are advised to carry their mathematics as far as called for by the engineering curriculum, and to take some of their elective work in the College of Engineering. The engineering instructors will advise them what is the best to elect.

2. *Partial Curriculum for Special Students.* Students who have not the time or are otherwise unable to take full curriculum will be allowed to take a special or particular curriculum, consisting of such studies as they are prepared to take, provided that such curriculum shall have been approved by the adviser. For further information see statement of requirements for admission as special students on page 76.

3. *Curricula for Students with Irregular Preparation.* The courses of study outlined on the preceding pages are intended for students who matriculate with full entrance requirements. Alternative curricula have have been arranged for students who offer only 1 unit in algebra for entrance or who are otherwise not prepared to take college algebra and trigonometry (Mathematics 3 and 4). Such students will take review algebra and Mathematics 3, 4, and 6 in the first year and Mathematics 5 in the first six weeks of the summer session between the first and second years. A student finding it impossible to remain for the summer term will take Mathematics 5 and 107 in the second year and will have another opportunity of becoming regular by taking Mathematics 108 and M. 101 in the summer session between the second and third years. Similar provisions are made for deficiencies in English and solid geometry.

PROFESSIONAL DEGREES

The University confers the following professional degrees: Chemical Engineer (Ch. E.), Civil Engineer (C. E.), Electrical Engineer (E. E.), Mechanical Engineer (M. E.), and Engineer of Mines (E. M.), upon graduates of the College of Engineering and the School of Mines of West Virginia University on the basis of practical experience and study in absentia, the presentation of a thesis and oral final examination.

To be eligible a candidate for a professional degree must have been in active practice of his profession for at least five years since receiving his first degree, must have been in responsible charge of important work for at least two years, and must be qualified to design as well as to direct engineering work.

Application for registration as a candidate for a degree should be made not later than October 1 in the year in which the degree is expected. Detailed regulations and registration blanks may be obtained from the Dean of the College of Engineering, or the Director of the School of Mines.

RECOMMENDATION FOR CERTIFICATION OF TEACHERS

Students who wish to obtain a high school certificate to teach the practical arts must meet the requirements of the State Board of Education, the College of Education, and the Department of Industrial Education of the College of Engineering and Mechanic Arts. Recommendation for certification is made by the Department of Industrial Education to the Dean of the College of Education. A statement of the State requirements appears below:

REQUIREMENTS FOR TEACHERS OF THE PRACTICAL ARTS

Leading to the Degree of Bachelor of Science in Industrial Education in the College of Engineering and Mechanic Arts

Minimum requirements:		*Hours*
Industrial Arts		36
Summer Practice		5
Approved courses in industrial arts:	*Hours*	
Woodworking		6
M. E. 2	2	
M. E. 3	2	
M. E. 101	2	
Pattern Making		3
M. E. 1	1	
M. E. 4	2	
Foundry		2
M. E. 5	2	
M. E. 103	2	
Forge Work		1
M. E. 7	1	
M. E. 104	2	
Electric Wiring		2
E. E. 1	2	
Pipe Fitting		1
M. E. 10	1	
Wood Finishing		2
M. E. 8s	2	
Machine Shop		8
M. E. 11	2	
M. E. 12	1	
M. E. 105	2	
M. E. 106	2 or 3	
M. E. 107	2 to 5	
Drawing		6
M. E. 20	2	
M. E. 22	2	
M. E. 24	2	
M. E. 26	3	
M. E. 29	4	
C. E. 10	2	
Approved electives:		
Sheet Metal		2
M. E. 6s	2	
Surveying		6
C. E. 1	1	
C. E. 2	3	
C. E. 3	2	

THE GRADUATE SCHOOL

ORGANIZATION

By order of the Board of Governors of West Virginia University, a University Graduate School is established, whose roots are implanted in all University undergraduate work, irrespective of departments or schools. The Graduate School is empowered (1) to direct research and investigation with particular reference to the problems of the State, and (2) to train and recommend to the Board of Governors candidates for the degrees of Master of Science, Master of Arts, Doctor of Education, and Doctor of Philosophy.

Graduate study and teaching at West Virginia University is the most advanced work in education undertaken by the State. Its chief aim is the development of independent investigation and the stimulation or promotion of the spirit of research. To the end of economy in the use of University facilities, personnel, and equipment for graduate work, the Graduate School is organized on the basis of divisions rather than on the basis of departments. These divisions are as follows:

(a) Industrial Sciences, embracing the various engineering branches, the Engineering Experiment Station, including the Bureau of Mines• Research, chemistry, geology, mathematics, physics, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(b) Biology and Agriculture, embracing the various branches of agriculture, the Agricultural Experiment Station, the medical sciences, bacteriology, botany, genetics, plant pathology, zoology, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(c) Social Sciences, embracing the Bureau of Government Research, the social sciences and public law, languages and literatures, philosophy, psychology, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council;

(d) Education, embracing the Bureau of Educational Research, all branches of professional education, and such kindred subjects as shall be determined by the Dean of the Graduate School in consultation with the Graduate Council.

Each of the four divisions is headed by a chairman. The four group chairmen and the Dean constitute the Graduate Council, hereafter referred to as the Council; and either one of their number or the Dean serves as Chairman of the Council.

All regulations governing the Graduate School, such as the determination of curricula, projects, majors, minors, standards, thesis requirements, and like and similar matters shall be formulated by the Council and presented to the Faculty for its consideration and action.

FACULTY

The Faculty of the Graduate School consists of the Dean of the Graduate School, the deans of the colleges, members of the Council, and professors in charge of work open to graduate students only.

STUDENT BODY

The student body of the Graduate School consists of all students enrolled in graduate courses who have previously received the bachelor's degree or who have completed undergraduate work equivalent thereto, except candidates for professional degrees.

Seniors in the colleges of West Virginia University who are within 10 semester hours of graduation may, with the approval of the Graduate Council, enroll for courses in the Graduate School, for which they may receive graduate credit after having obtained their bachelors' degrees. Such graduate courses must not have been offered for undergraduate credit.

ADVISER

When a student is admitted to the Graduate School, the Chairman of the Graduate Council will appoint an adviser to have general direction of his program.[1] The adviser will arrange a specific course of study to be approved by the Council and, in the case of candidates for advanced degrees, will preside at the candidate's qualifying and final examinations.

REQUIREMENTS FOR GRADUATE DEGREES

(For a list of graduate degrees offered see page 88.)

GENERAL REGULATIONS

1. *Candidacy:*

Admission to candidacy for any graduate degree is conditioned upon the fulfillment of the requirements for admission to the Graduate School,[1] and also the particular requirements of undergraduate preparation for the field of study in which he wishes to specialize.

2. *Scholarship:*

No credits are acceptable toward an advanced degree which are reported with a grade lower than C.[2]

Reasonable standards of oral and written English must be consistently attained.

3. *Curriculum:*

Credit toward a graduate degree may only be obtained for courses listed in this Catalogue and numbered 200-399. Other advanced courses and special research courses not so listed may, with the approval of the Graduate Council, carry graduate credit.

[1]For a complete statement of the requirements for admission to the Graduate School, see page 77.

[2]For a description of the marking system in use in the University, see page 89.

4. *Residence:*

Residence credit for special field assignments and for work taken off the University Campus shall be allowed only with the prior approval of the Graduate Council.

5. *Thesis:*

All theses shall be presented in the form prescribed by the Graduate Council at least one month previous to the Commencement Day on which the degree is expected. If the thesis is accepted, typewritten and bound copies shall be submitted to the Secretary of the Graduate Council at least one week before the degree is to be conferred. In case of the master's theses three copies are required, while in the case of doctor's theses five copies are required, and in addition a synopsis for purposes of publication must also be submitted.

6. *Final Examination:*

(a) The administration of all final examinations for graduate degrees shall be under the jurisdiction of the Graduate Council, which may call to its aid examiners who are not members of the University faculty.

(b) The candidate's adviser, or his representative, shall preside at the final examination for a graduate degree. The Chairman of the Graduate Council shall, with the approval of the Graduate Council, appoint an examining committee of not less than three for the Master's, and not less than five for the Doctor's examination.

(c) The candidate shall not be eligible for the final examination until his thesis has been approved by the examining committee.

7. *Commencement:*

(a) At the time of registration for the semester or session in which the candidate expects to receive a graduate degree, he shall submit a formal request to the Chairman of the Graduate Council for the conferring of such degree.

(b) The candidate must have completed all requirements for the degree which he wishes to receive at least one week before Commencment Day.

THE DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

Requirements for Candidacy

Satisfactory fulfillment of General Regulation No. 1 for graduate degrees (stated above) will admit an applicant to candidacy.

Requirements for Completion

Curriculum: The completion of not less than 30 hours of graduate work approved by the Faculty of the division in which the candidate is enrolled and also by the Council. At least 10 hours, exclusive of thesis, shall be in the candidate's major field, and any remaining hours shall be in not more than two other fields related thereto.[1]

[1]With the approval of the Council, a candidate may submit toward the fulfillment of his curricular requirements not more than 10 hours of acceptable graduate credit earned at other institutions.

Residence: A minimum of 36 weeks of residence in full-time graduate study at West Virginia University is required, except in case of a candidate who is allowed to apply credit earned at other institutions toward his curricular requirements; in which case the minimum residence requirement may be reduced by an amount proportionate to the credit accepted. In no case, however, will a reduction of more than 12 weeks of residence be allowed.

Thesis: A thesis granting not more than 6 hours of credit may be required at the option of the Faculty of the division in which the candidate's major interest lies.

Final Examination: An examination, oral or written or both at the option of the candidate's examining committee, shall be required, covering the candidate's thesis and studies in his major and minor fields and his ability to apply facts and principles intelligently to such situations and problems as he may be reasonably expected to meet in his subsequent work.

Special Requirements: In addition to the foregoing requirements, the special requirements of the division in which the candidate elects to pursue his major, must be met.

THE DOCTOR'S DEGREE

Admission to the Graduate School and enrollment in graduate courses does not of itself imply acceptance of the applicant for a doctor's degree. Ordinarily, preparation for matriculation or admission to candidacy will be the major concern of the student for the greater part of two graduate years.

When an applicant has successfully passed his qualifying examination he will be formally promoted to candidacy for a doctor's degree.

Admission to candidacy must precede the final examination for a doctor's degree by at least one academic year.

Graduate courses pursued in fulfillment of the requirements for the master's degree, if of suitable character and quality, may be credited toward the doctorate.

THE DEGREE OF DOCTOR OF EDUCATION

Requirements for Candidacy

In addition to fulfilling the general requirements for graduate degrees (previously stated), the applicant must, after a period of residence, show evidence in a comprehensive preliminary or qualifying examination (either oral or written or both) of (a) a grasp of the important phases and problems of the field of study in which he proposes to major and an appreciation of their relation to other fields of human knowledge and accomplishment, and (b) the ability to employ rationally the instruments of research that have been developed in his major field.[1]

[1]A reading knowledge of the modern languages will not be required unless needed for the prosecution of the thesis.

Requirements for Completion

(a) *Curriculum:* The exact amount and nature of the course work to be undertaken by a candidate will be determined in the light of his past training and experience and the demands of his chosen field of application.* The aggregate of correlated courses of graduate instruction shall, however, be not fewer than 60 semester hours, of which at least 30 hours shall be done in residence at West Virginia University.

(b) *Residence:* In general, the requirement for the Doctor of Education degree contemplates at least three years of full-time graduate work beyond the bachelor's degree. A minimum of 36 weeks of residence at West Virginia University in full-time graduate study is required. Not fewer than 18 weeks shall be in the regular academic year.

(c) *Contribution:* The candidate must make a recognized contribution either by educational research or in educational procedure. The latter shall constitute some outstanding improvement in school administration, supervision, curriculum, teaching, guidance, or personnel management. Documentary evidence of the contribution made shall be submitted in thesis form.

(d) *Final Examination:* When the candidate has fulfilled the above requirements, he will be admitted to a final oral examination on his contribution in research or to practice. At the option of his examining committee a written examination may be required.

(e) *Demonstration:* Before a candidate will be recommended for the degree of Doctor of Education he must furnish evidence of having taught successfully for at least four academic years or of having satisfactorily rendered some other equally significant and extended educational service.

THE DEGREE OF DOCTOR OF PHILOSOPHY

Requirements for Candidacy

In addition to fulfilling the general requirements for graduate degrees (previously stated) the applicant must be able to read French and German to the satisfaction of the Faculty of the division in which the student is a major.[1]

After a period of residence the applicant will be admitted to a comprehensive preliminary or qualifying examination (either oral or written or both) in which he must demonstrate (a) a grasp of the important phases and problems of the field of study in which he proposes to major and an appreciation of their relation to other fields of human knowledge and accomplishment, and (b) the ability to employ rationally the instruments of research that have been developed in his major field.

[1]This requirement must be met before the qualifying examination is taken. With the approval of the Council, one other language may be substituted for French or German.

REQUIREMENTS FOR COMPLETION

(a) *Curriculum:* The degree of Doctor of Philosophy is not awarded for the mere accumulation of course credits nor for the completion of a definite residence requirement. The candidate's program of studies must be so ordered and coordinated as to equip him in a special field upon a broad background of general knowledge. The exact amount and nature of course work to be undertaken by a candidate will be determined in the light of his previous preparation and the demands of his chosen field of application. The aggregate of correlated courses of graduate instruction should, however, be not less than 60 semester hours, ordered and distributed so as to promote a broad and systematic knowledge and the ability to pursue pioneer constructive work.

(b) *Residence:* In general, the requirements for the Doctor of Philosophy degree contemplates at least three years of full-time graduate work beyond the bachelor's degree. A minimum of 36 weeks in residence in full-time graduate study at West Virginia University is required. This requirement must be satisfied during regular academic semesters.

(c) *Thesis:* The candidate must submit a thesis on some problem in the field of his major interest. The thesis must present the results of the candidate's individual investigations and must embody a definite contribution to the existing knowledge of the chosen field.

(d) *Final Examination:* If the candidate's thesis is approved and he has fulfilled all other requirements stated above, he will be admitted to final oral examination on his thesis before his examining committee. At the option of this committee, a written examination may be required.

(e) *Special Requirements:* In addition to the foregoing, the candidate must satisfy any special requirements which, with the approval of the Council, may be imposed by the Faculty of the division in which his major lies.

COURSES OF INSTRUCTION

For a detailed description of the courses offered in the Graduate School see courses numbered 200 to 399 in Part IV of this Catalogue, pages 213 to 318.

THE COLLEGE OF LAW

The purpose of the instruction given in the College of Law is to train the student thoroughly in the principles and procedure of the common law with particular reference to their application or modification by decision and statute in West Virginia.

METHOD OF INSTRUCTION

The work of the student is based chiefly upon the study and discussion of decided cases, with collateral reading of statutes, approved text-books and periodicals, elucidated by free discussion in the class.

PRACTICE AND PROCEDURE. Instruction in practice and procedure is preparatory and supplementary to the work of the practice court, and is conducted by text-book, lectures and special study of the statutes and decisions governing West Virginia practice and procedure. Attention is given to the jurisdiction and functions of the Supreme Court of Appeals, the circuit, county and inferior courts, and the powers, duties, and liabilities of attorneys at law as officers of the court. The statutes and decisions governing the purpose and use of special legal and equitable remedies, such as attachment, garnishment, statutory motions, injunctions, etc., receive careful attention. Attention is also given to the procedural phases of the extraordinary legal remedies, such as mandamus, habeas corpus, certiorari, quo warranto, prohibition, etc.

PRACTICE COURT. The practice court exercises original jurisdiction in law, equity and probate cases, and appellate jurisdiction in appeals from inferior tribunals.

Unless excused by the Committee on Scholarship, every third-year student, before receiving the bachelor's degree, is required to prepare the pleadings and prosecute to judgment the required number of cases in the practice court. The equivalent of at least five hours in each week during the second semester must be spent by each third-year student in participation in practice court work.

Statements of facts are furnished, such as would be related to a lawyer in active practice by his client. Each student must determine whether or not upon such facts the particular case in hand is one of common law, equity, criminal, or probate cognizance. He must then frame his pleadings, serve his summons or notice, and answer his adversary's pleadings until issue is joined in legal manner; after which the case is brought on for hearing in strict accordance with settled legal procedure, witnesses are examined and cross-examined, and the case is conducted through all the various stages of trial or hearing down to and including the judgment, decree, or sentence; after which, should the case be appealed, it must be carried through the Supreme Court, involving the preparation of the record on appeal, briefs of counsel, etc.

The clerk and his assistant are chosen from the student body, from whose ranks are also drawn a sheriff, jurors, and other officers, thus giving to the students the benefit of practice in administrative judiciary machinery. The sessions are presided over by that member of the law faculty who has charge of practice courses and by circuit judges especially chosen for the work. The judges also lecture upon various subjects of interest to the students, and especially upon legal ethics.

DRAFTING OF LEGAL INSTRUMENTS. Students are instructed in this course in the actual preparation of deeds, mortgages, wills, abstracts and opinions of title, assignments, contracts, partnership agreements, and other legal instruments which a lawyer is called upon to prepare. Statements of facts are furnished to the class by the instructor in charge and each student is required to prepare the various forms of instruments. These are corrected by the instructor and are discussed and criticised in class.

LAW QUARTERLY NOTES. The editors of the Student Note and Recent Case Department of the West Virginia Law Quarterly are members of the second and third year classes, who are chosen each year from those students who made the highest grades in the preceding year. This department affords to ambitious students an opportunity to do research work of a practical nature.

CLUB COURTS, established for the argument of law points arising out of statements of facts submitted by the members of the Faculty and others, are maintained in the College of Law. Membership in these clubs is voluntary, but an opportunity to join one of them is open to every student in the College of Law. The arguments are presided over by members of the faculty, members of the bar in active practice, and senior law students.

REQUIREMENTS FOR DEGREES

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, requirements as to residence, classification of students, examinations, grades, and honor points, as set forth in the General Information section (Part II) of this Catalogue.

THE COMBINED COURSE

Students may secure the degree of Bachelor of Arts for three years of academic work[1] and one year of law under conditions stated on page 132.

[1]No work included in the three years (96 hours) of academic work and counted toward the A. B. degree may be again counted toward the LL. B. degree. On completion of two additional years of work in the College of Law, the degree of LL. B. will be conferred.

BACHELOR OF LAWS

Credits Required

Students who have satisfied the preparatory and college requirements for entrance to the College of Law as candidates for the degree of Bachelor of Laws, and who have satisfactorily completed courses aggregating 84 hours, with 50 honor points,[1] distributed over three years' residence, and who have otherwise satisfied the requirements of the University and the College of Law, will be granted the degree of Bachelor of Laws.

Required and Elective Work

The work of the first year is prescribed. All of the studies of the second year are elective except Common Law Pleading, Evidence, Real Property II, and Equity Jurisdiction I, and all of the third years courses except Practice and Procedure and Practice Court. Second year courses may be elected by third year students, but third year courses will not in general be open to second year students. All required courses are marked by an asterisk.[2]

It is expected that each student will carry 14 hours of class room work per week during the first and second years and 15 during the third.

On petition, the Committee on Scholarship in its discretion may permit a student to take for law credit either History 223 or Public Speaking 213.

A satisfactory record of attendance, or a valid excuse for non-attendance, at such special lectures as shall be arranged by the College of Law for the law students, is required of each candidate for the degree of Bachelor of Laws.

COURSES OF INSTRUCTION

For a detailed description of the courses offered in this college see pages 291 to 293.

ADMISSION TO BAR

Under the provisions of chapter 30, article 2, section 1, of the Official (Revised) Code of West Virginia, 1931, those who receive the degree of Bachelor of Laws from West Virginia University may be admitted to the bar without further examination.

STUDENTS IN OTHER COLLEGES

Students of at least senior standing in other colleges of the University may be permitted to take work in the College of Law subject to the regulations of the colleges where they are registered and of the College of Law, but conditioned in each case upon the consent of the instructor giving the courses which such students desire to take.

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[1]For a description of the honor point system, see page 90.

[2]In exceptional cases the Committee on Scholarship may permit a student to substitute for a required course a number of hours of other work deemed equivalent thereto.

THE SCHOOL OF MEDICINE

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, requirements as to residence, classification of students, examinations, and grades, as set forth in the General Information section (Part II) of this Catalogue.

INSTRUCTION IN MEDICINE

REQUIREMENTS FOR BACHELOR OF SCIENCE DEGREE

As at present constituted the West Virginia University School of Medicine has its own dean and faculty but confers no degrees in medicine. However, it cooperates with the College of Arts and Sciences in granting the Bachelor of Science (B. S.) degree for the following courses of study:

1. *Science and Medicine*, for two years (66 hours) of academic work and two years (76 hours) of medicine, a total of 142 hours.[1]

2. *Science, Pharmacy, and Medicine*, for two years (110 hours) of academic and pharmacy work and two years (76 hours) of medicine, a total of 186 hours.[2]

The School of Medicine is not affiliated with any other college or school of medicine. Its students may go where they like to complete their medical studies and receive the degree of M. D.

The work in physical diagnosis and introductory surgery is in charge of practicing physicians, members of the local medical profession.

COURSES OF INSTRUCTION

For a detailed description of the courses in medicine see pages 293 to 297.

[1]See page 135, for statement of academic requirements; page 195, for statement of requirements in medicine.

[2]See page 137, for statement of academic and pharmacy requirements; page 195 for statement of requirements in medicine.

CURRICULUM

First Year—First Semester

COURSE	Hrs. a Week		Hours a Semester			PERIODS	Credit Hours
	Lect	Lab.	Lect.	Lab.	Total		
Biochemistry 101	3	10	54	180	234	A. Lab., M., Th. 8-12, S. 8-10 B. Lab., T., F. 8-12, S. 11-1 Lect. W. 9 and 11, S. 10	6
Histology 104	2	8	36	144	180	A. Lab., T., F. 8-12 B. Lab., M., Th., 8-12 Lect., W. 8 and 11	5
Anatomy 101	4	11	72	195	267	M , T., W., Th., F. 2-5	7

First Year—Second Semester

Bacteriology 105	2	8	36	144	180	A. Lab., M. T., Th., 10-12, W. 11-1 B. Lab. T., W., Th., F. 8-10 Lect. M. 8, F. 11	5
Embryology 105 First half of semester	4	8	36	72	108	A. Lab. T., W., Th., F. 8-10 B. Lab. M., T., Th. 10-12, W. 11-1 Lect. M. 9, T., Th. 2, F. 10	3
Neurology 103 Second half of semester	4	8	36	72	108	A. Lab. T., W., Th. F. 8-10 B. Lab. M., T., Th. 10-12, W. 11-1 Lect. M. 9, T., Th. 2, F. 10	3
Anatomy 102	3	6	54	108	162	M., F. 2-5, W. 3-6	3
Physiology 102	1	3	18	54	72	A. Lab. T. 3-6 B. Lab. Th. 3-6 Lect. W. 2	2
Pharmacology 101	..	3	..	54	...	A. Lab. T. 3, B. Lab. Th. 3 Lect. S.10	1

Second Year—First Semester

Pathology 101	3	8	54	144	198	A. Lab. M., W. 2-5, F. 2-4 B. Lab. T., Th. 2-5, F. 10-12 Lect. M., T., Th. 10	6
Physiology 103	5	6	90	108	198	Lect. M., T., W., T , F. 9 A. Lab. T., Th. 2-5 B. Lab. M., W. 2-5	7
Pharmacology 103	3	..	54	...	54	Lect. Rec., M., W., F. 8	3
Hygiene 106	2	..	36	...	36	Lect. M., W. 11	2
Obstetrics 107	2	..	36	...	36	Lect. T., Th. 11	2

Second Year—Second Semester

Pathology 102	1	5	18	90	108	A. Lab. M. 2-5, T. 3-5 B. Lab. W. 2-5, Th., 3-5 Lect. M. 9	3
Pharmacology 102	..	5	..	90	90	A Lab. M. 2 B. Lab. W. 2 Rec. A. & B., Th. 9-11	2
Pharmacology 104	3	..	54	...	54	Lect. M., T., W. 9	3
Intro. Surgery 101	3	..	54	...	54	Lect. T., W., Th. 11	3
Anatomy 106	2	..	36	...	36	Lect. T., Th. 9	2
Phys. Diagnosis 101	2	1	36	36	72	Lab. Sec. A. B. C. F. 8-10 Lect. M., F. 11	2
Medicine 102	2	..	36	...	36	A. Sec. M. 2-4 B. Sec. Th. 2-4	2
Physiology 104	1	..	18	...	18	Lect. T. 10	1
Clinical Pathology 103	2	4	36	72	108	Lect. W. 8, F. 10 Lab, Sec. A. F. 1-3, S. 8-10 Lab, Sec. B, F. 3-5, S. 10-12	3

Note: Medical students must take work in sequence as shown in the schedule. Third and fourth years to be taken in approved medical school.

INSTRUCTION IN PHARMACY

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN PHARMACY

The degree of Bachelor of Science in Pharmacy (B. S. Phar.) is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance, school, and departmental requirements, and completes the basic two-year course below, together with one of the following curricula providing for specialized training during the third and fourth years:

A. Retail Pharmacy (143 hours)

B. Industrial Pharmacy (145 hours)

The curriculum for the first two years is the same for all students. At the beginning of the third year the student is expected to select a field of specialization and pursue for the remaining two years the courses outlined in that group.

BASIC COURSE REQUIRED OF ALL STUDENTS[1]

FIRST YEAR

First Semester		*Hours*
English 1	8:00 T., Th., S.	3
Botany 1	8:00 M., F., 10:00-12:00 T., Th.	4
Pharmacy 1	9:00 T., Th.	2
Pharmacy 2	9:00 M., W., F.	3
Chemistry 3	11:00 M., W., F., 2:00-4:00 T., Th.	4
Physical Education 1	1:00 T., Th.	1
Military	1:00 M., W., F.	1
		18

Second Semester		*Hours*
English 2	8:00 T., Th., S.	3
Botany 2	8:00 M., F., 10:00-12:00 T., Th.	4
Pharmacy 3	9:00 T., Th.	2
Pharmacy 10	9:00 W., 2:00-5:00 M., F.	3
Chemistry 4	11:00 M., W., F., 2:00-4:00 T., Th.	4
Physical Education 2	1:00 T., Th.	1
Military	1:00 M., W., F.	1
		18

SECOND YEAR

First Semester		*Hours*
German 1	8:00 M., W., F.	3
Pharmacy 9	9:00 T., Th.	2
Pharmacy 4	10:00 T., Th.	2
Pharmacy 11	11:00 M., W., F.	3
Pharmacy 5	2:00–5:00 T., Th., 9:00-12:00 S.	3
Chemistry 5	2:00–5:00 M., W., F.	4
Military	1:00 M., W., F.	1
		18

[1]Those who, upon entering, plan to follow the Pharmacy-Medical Course should elect Zoology instead of Botany during the first year.

Second Semester		*Hours*
German 2	8:00 M., W., F.	3
Pharmacy 6	10:00 M., T., Th., F.	4
Pharmacy 12	11:00 M., W., F.	3
Pharmacy 8	11:00 T.	1
Pharmacy 7	2:00–5:00 T., Th.	2
Chemistry 6	2:00–5:00 M., W., F., 9:00-12:00 S.	4
Military	1:00 M., W., F.	1
		18

A. RETAIL PHARMACY

THIRD YEAR

First Semester		*Hours*
Physics 1	8:00 M., W., F.	3
Economics 103	8:00 T., Th., S.	3
Physics 3	10:00–12:00 S.	1
Pharmacy 103	10:00 M., F.	2
Pharmacy 106	10:00 T., Th.	2
Chemistry 233	11:00 M., W., F., 2:00-4:00 T., Th.	5
Pharmacy 101	2:00–5:00 M.	1
Pharmacy 102	2:00–5:00 F.	1
		18

Second Semester		*Hours*
Physics 2	8:00 M., W., F.	3
Economics 110	8:00 T., Th.	2
Pharmacy 107	9:00 T., Th.	2
Physics 4	10:00–12:00 S.	1
Physiology 101	10:00 M., F., 1:00 W., 2:00-5:00 W.	4
Chemistry 238	11:00 T., Th., 2:00-5:00 M., F.	4
Pharmacy 114	9:00 M., W., F.	2
		18

FOURTH YEAR

First Semester		*Hours*
Pharmacy 108	8:00 T., Th., 1:00 W.	3
Business Admin. 121	8:00 M., W., F.	3
Pharmacy 201	9:00 T., Th., S.	3
Business Admin. 131	9:00 M., W., F.	3
Bacteriology 105	10:00–12:00 M. T., W., Th., F.	5
Pharmacy 109	2:00–5:00 W.	1
		18

Second Semester		*Hours*
Chemistry 277	8:00 W., F.	2
Pharmacy 110	9:00 W., 2:00-5:00 T., Th.	3
Pharmacy 113	9:00 M., T., Th., F.	4
Business Admin. 125	10:00 T., Th., S.	3
Pharmacy 118	11:00 W.	1
Pharmacy 202	11:00 M., F.	2
Elective		2
		17

B. INDUSTRIAL PHARMACY

THIRD YEAR

First Semester		*Hours*
Physics 1	8:00 M., W., F.	3
Physics 3	8:00–10:00 S.	1
Pharmacy 103	10:00 M., F.	2
Pharmacy 106	10:00 T., Th.	2
Chemistry 233	11:00 M., W., F., 2:00-4:00 T., Th.	5
Chemistry 163	11:00 T., Th., 2:00-4:00 F.	3
Elective		2
		18

Second Semester		*Hours*
Physics 2	8:00 M., W., F.	3
Physics 4	8:00–10:00 S.	1
Pharmacy 107	9:00 T., Th.	2
Chemical Eng'g. 201	9:00 M., 2:00-5:00 T., Th.	3
Physiology 101	10:00 M., F., 1:00 W., 2:00-5:00 W.	4
Chemistry 238	11:00 T., Th., 2:00-5:00 M., F.	4
		17

FOURTH YEAR

First Semester		*Hours*
Pharmacy 105	8:00 W., 2:00-5:00 M., F.	3
Pharmacy 108	8:00 T., Th., 1:00 W.	3
Pharmacy 201	9:00 T., Th., S.	3
Chemistry 251	9:00 M., W., F.	3
Bacteriology 105	10:00–12:00 M., T., W., Th., F.	5
Pharmacy 109	2:00–5:00 W.	1
Pharmacy 104	2:00–5:00 T., Th.	2
		20

Second Semester		*Hours*
Chemistry 277	8:00 W., F.	2
Pharmacy 110	9:00 W., 2:00-5:00 T., Th.	3
Pharmacy 113	9:00 M., T., Th., F.	4
Pharmacy 118	11:00 W.	1
Pharmacy 202	11:00 M., F.	2
Botany 214	2:00–5:00 W., 9:00-12:00 S.	2
Chemical Eng'g. 202	2:00–5:00 M., F.	2
Elective		2
		18

ELECTIVE COURSES[1]

FIRST SEMESTER

Subject		*Hours*
Biochemistry 101		6
Business Admin. 121	Marketing Methods	3
Business Admin. 126	Retail Store Management	3
Business Admin. 131	Business Management	3
Business Admin. 141	Business Law	3
Chemistry 211	Synthetic Inorganic Chemistry	3
Chemistry 214	Organic Qualitative Analysis	3
Chemistry 339	Dyes and Dye Intermediates	4
Chemistry 251	Industrial Chemistry	3
Chemistry 63 or 163	Physical Chemistry	3
Chemistry 247	Stereochemistry	2
Economics 111	Money, Credit and Banking	3
French 1	(When not offered for entrance credit)	3
German 1	(When not offered for entrance credit)	3
German 121	Scientific German	3
Mineralogy 2	Minerals and Rocks	4
Pharmacy 203	Food Analysis	2 to 3
Pharmacy 115	Microscopy	2 to 3
Pharmacy 116	Pharmaceutical Investigations	2 to 3
Pharmacy 117	Dispensing	1 to 2
Zoology 1	Animal Biology	4

SECOND SEMESTER

Subject		*Hours*
Business Admin. 112	Income Tax Procedure	3
Business Admin. 122	Marketing Methods	3
Business Admin. 125	Advertising	3
Business Admin. 148	Sales Management	3
Botany 214	Microtechnique and Plant Histology	2
Chemistry 238	Organic Chemistry	4 or 5
Chemistry 340	Dyes and Dye Intermediates	4
Chemistry 252	Industrial Chemistry	3
Chemistry 262	Colloidal Chemistry	4
Chemistry 274	History of Chemistry	2
Chem. Eng'g. 201	Benzene Derivatives	2 to 3
Chem. Eng'g. 202	Water Exam. and Purification	2
French 2	(When not offered for entrance credit)	3
German 2	(When not offered for entrance credit)	3
German 122	Scientific German	3
Journalism 113	Newspaper Advertising	3
Mineralogy 2	Minerals and Rocks	4
Pharmacy 204	Food Analysis	3 to 5
Pharmacy 115	Microscopy	2 to 3
Pharmacy 116	Pharmaceutical Investigations	2 to 3
Pharmacy 117	Dispensing	1 to 2
Physics 116	Photography	2
Zoology 2	Vertebrate Zoology	4
Psychology 1	Introduction to Psychology	3
Psychology 10	Applied Psychology	3
Psychology 12 or 112	Experimental Psychology	3

COURSES OF INSTRUCTION

For a detailed description of the courses in pharmacy see pages 306 to 308.

[1]All electives must be approved by the adviser before election.

THE SCHOOL OF MUSIC

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, requirements as to residence, classification of students, examinations, grades, and honor points, as set forth in the General Information section (Part II) of this Catalogue.

The descriptive material on the following pages outlines the curricular requirements for the degrees in music and for certification of teachers. A more extended general description of the organization and work of the School of Music appears on pages 50 and 51. For statement concerning fees, see page 83.

REQUIREMENTS FOR DEGREES

The degrees of Bachelor of Music and Bachelor of Science in Music Education are regularly conferred in the School of Music.

The Bachelor of Music degree (B. Mus.) is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance and departmental requirements, and completes one of the following curricula in applied music (136 hours) with an average of one honor point per credit-hour:

A. Piano, Violin, or Pipe Organ[1]

B. Voice[2]

The degree of Bachelor of Science in Music Education (B. S. Mus. Ed.) is conferred upon any student who complies with the general regulations of the University concerning degrees, satisfies all entrance and departmental requirements, and completes the curriculum in public school music (130 hours) for teachers of music with a second teaching subject[3] with an average of one honor point per credit-hour.

[1]See page 201.
[2]See page 202.
[3]See page 203.

CURRICULA IN APPLIED MUSIC

Leading to the Degree of Bachelor of Music

PIANO, VIOLIN, OR PIPE ORGAN

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Piano, Violin, or Pipe Organ	2	Piano, Violin, or Pipe Organ	2
English 1—Comp. and Rhet.	3	English 2—Comp. and Rhet.	3
French, German, or Italian	3	French, German, or Italian	3
Theory 1—Intro. Harmony	2	Theory 2—Intermediate Harmony	2
Pub. Sch. Mus. 75—Ear Training	3	Pub. Sch. Mus. 76—Ear Training	3
Piano 132—Sight Playing	1	Piano 133—Sight Playing	1
Physical Ed. or Mil. Science	1	Physical Ed. or Mil. Science	1
Elective	2	Elective	2
	17		17

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Piano, Violin, or Pipe Organ	2	Piano, Violin, or Pipe Organ	2
Pub. Sch. Mus. 73—Sight Singing	3	Pub. Sch. Mus. 74—Sight Singing	3
French, German, or Italian	3	French, German, or Italian	3
Theory 103—Adv. Harmony	3	Theory 104—Adv. Harmony	3
Public Speaking	3	Public Speaking	3
Theory 105—History of Music	2	Theory 106—History of Music	2
Physical Ed. or Mil. Science	1	Physical Ed. or Mil. Science	1
	17		17

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Piano, Violin, or Pipe Organ	2	Piano, Violin, or Pipe Organ	2
Pub. Sch. Mus. 179—Music Appreciation	3	Pub. Sch. Mus. 180—Music Appreciation	3
Theory 107—History of Music	2	Theory 108—History of Music	2
French, German, or Italian	2	French, German, or Italian	2
Theory 113—Keyboard Harmony	1	Theory 114—Keyboard Harmony	1
Education	3	Science	4
Elective	4	Elective	3
	17		17

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Piano, Violin, or Pipe Organ	2	Piano, Violin, or Pipe Organ	2
Theory 109—Elementary Counterpoint	2	Theory 110—Adv. Counterpoint	2
Theory 111—Analysis and Form	2	Theory 112—Analysis and Form	2
French, German, or Italian	2	French, German, or Italian	2
Ensemble	1	Ensemble	1
Choir	1	Choir	1
Elective	7	Graduation Recital	2
		Elective	5
	17		17

VOICE

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice	2	Voice	2
Piano	2	Piano	2
English 1—Comp. and Rhet.	3	English 2—Comp. and Rhet.	3
Pub. Sch. Mus. 73—Sight Singing	3	Pub. Sch. Mus. 74—Sight Singing	3
Pub. Sch. Mus. 75—Ear Training	3	Pub. Sch. Mus. 76—Ear Training	3
Italian 1	3	Italian 2	3
Physical Ed. or Mil. Science	1	Physical Ed. or Mil. Science	1
	17		17

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice	2	Voice	2
Piano	2	Piano	2
Theory 1—Intro. Harmony	2	Theory 2—Intermediate Harmony	2
English 3—English Literature	3	English 4—English Literature	3
Public Speaking	3	Public Speaking	3
Physics	4	Physical Ed. or Mil. Science	1
Physical Ed. or Mil. Science	1	Elective	4
	17		17

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice	2	Voice	3
Theory 103—Adv. Harmony	3	Theory 104—Adv. Harmony	3
Theory 105—History of Music	2	Theory 106—History of Music	2
Theory 107—History of Music	2	Theory 108—History of Music	2
Pub. Sch. Mus. 179—Music Appreciation	3	Pub. Sch. Mus. 180—Music Appreciation	3
German or French	3	German or French	3
Choir	1	Choir	1
Elective	1	Elective	1
	17		17

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice	2	Voice	2
Theory 113—Keyboard Harmony	1	Theory 114—Keyboard Harmony	1
Theory 109—Elementary Counterpoint	2	Theory 110—Adv. Counterpoint	2
Theory 111—Analysis and Form	2	Theory 112—Analysis and Form	2
Education	3	Graduation Recital	2
German or French	6	German or French	6
Choir	1	Choir	1
		Elective	1
	17		17

CURRICULUM FOR TEACHERS OF MUSIC WITH A SECOND TEACHING SUBJECT

Leading to the Degree of Bachelor of Science in Music Education

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice or Piano	2	Voice or Piano	2
Pub. Sch. Mus. 73 or 74—Sight Singing	3	Pub. Sch. Mus. 75 or 76—Ear Training	3
English 1	3	English 2	3
Science	4	Science	2
Physical Education 1	1	Physical Education 2	1
Second Teaching Field	3	Second Teaching Field	3
	16	Pub. Sch. Mus. 92—Orchestra	1
		Pub. Sch. Mus. 93—Orchestra	1
			16

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice or Piano	2	Voice or Piano	2
Theory 1—Harmony	2	Theory 2—Harmony	2
Theory—History of Music	2	Theory—History of Music	2
Political Science	3	Economics	3
English or Pub. Speaking	3	English or Pub. Speaking	3
Physical Education 3	1	Physical Education 4	1
Second Teaching Field	4	Second Teaching Field	4
	17		17

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Voice or Piano	2	Voice or Piano	2
Pub. Sch. Mus. 179—Music Appreciation	3	Pub. Sch. Mus. 180—Music Appreciation	3
Pub. Sch. Mus. 188—High Sch. Music	2	Education 120	3
Educational Psychology 106	3	Educational Psychology 112	2
Educational Administration 109	3	Physical Education 180	2
Second Teaching Field	3	Second Teaching Field and Electives	4
	16		16

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Music Education 169	2	Music Education 224	1
Music Education 224	2	Pub. Sch. Mus. 194—Orchestra	1
Educational Psychology 214	2	Education (Elective)	2
History	3	Sociology	3
Second Teaching Field and Electives	7	Second Teaching Field and Electives	7
	16		16

An entering student who cannot qualify for Piano 24 will be considered a preparatory student until this deficiency has been overcome, unless he can meet an equal standard in some other field of applied music which he intends to pursue in place of piano. The student must satisfactorily complete the work of Piano 129, and Voice 106. Where a student excels in some field other than piano or voice, exceptions may be made in the amount of piano or voice required, at the discretion of the head of the department.

COURSES OF INSTRUCTION

For a detailed description of the courses in music see pages 300 to 306.

REQUIREMENTS FOR CERTIFICATION OF HIGH SCHOOL TEACHERS

GENERAL ACADEMIC REQUIREMENTS:	*Hours*	
English and Public Speaking	12	
History	6	
Political Science, Economics and Sociology	9	
Science	6	
Health	2	
Physical Education	4	
	—	39
PROFESSIONAL REQUIREMENTS:		
Educational Psychology 106	3	
Educational Administration 109	3	
Educational Psychology 112	2	
Educational Psychology 214	2	
Educational Materials and Methods 120	3	
Public School Music 169—Music Education	2	
Public School Music 224—Music Education	3	
Electives	2	
	—	20
MUSIC REQUIREMENTS:		
Public School Music 73 or 74—Sight Singing	3	
Public School Music 75 or 76—Ear Training	3	
Theory of Music 1 and 2—Harmony	4	
Theory of Music 105, 106, 107, or 108—History of Music	4	
Public School Music 179 and 180—Music Appreciation	6	
Public School Music 192, 193, and 194—Band and Orchestra Instruments	3	
Public School Music 188—High School Music	2	
Piano	6	
Voice	6	
	—	37
SECOND FIELD AND ELECTIVES		34
Total Required Hours		130

THE DIVISION OF PHYSICAL EDUCATION

For purposes of administration and instruction the Division of Physical Education is organized into the following departments: (1) service program for men, (2) service program for women, (3) intramural athletics, (4) health service, and (5) teacher training.

The Division of Physical Education has been organized for the purpose (1) of providing for the entire student body a regular program of wholesome physical activity, and of safeguarding the health conditions of the students while at the University; and (2) of preparing teachers of physical education for the high schools of the State.

The descriptive material on the pages which follow outlines the curricular requirements for the four-year teacher-training course leading to the degree of Bachelor of Science in Physical Education. A more comprehensive statement of the organization and purposes of the Division of Physical Education, including the service programs for both men and women, intramural athletics, and health service, appears on pages 58 to 59 and 97 to 100.

The attention of students is directed to the general requirements of the University concerning entrance, admission with advanced standing, requirements as to residence, classification of students, examinations, grades, and honor points, as set forth in the General Information section (Part II) of this Catalogue. For courses of instruction, see pages 308 to 313.

REQUIREMENTS FOR DEGREE

The degree of Bachelor of Science in Physical Education may be conferred upon any student who satisfies the entrance requirements and offers 128 hours with grades of D or above, and an average grade of C.

REQUIRED AND ELECTIVE COURSES

Of the 128 hours which are required for the degree of Bachelor of Science in Physical Education, at least 41 hours are required in the Division of Physical Education. Physical Education 11 and 12 may be substituted for Physical Education 1 and 2 which are required of all freshmen, both men and women. The remaining hours must be selected from such courses as may be approved by the adviser. A candidate for a degree is expected to make a selection of one of the teaching combinations on page 209, and to complete the number of semester hours required in each teaching group.

The courses are arranged to meet the University requirements for the degree of Bachelor of Science in Physical Education as well as the State requirements for certification. The curriculum for the four year course has been so arranged that consideration is given to the various activities which should constitute a well rounded program of

physical education for boys and girls of high school age. These courses are arranged in eight groups as follows:

A. Required courses in physical education, which include the theory and practice of physical education courses for men and women, are Physical Education 11, 12, 43, 44, 111, 112, 143, and 144 for men, and Physical Education 27, 28, 59, 60, 127, 128, 159 and 160 for women. These courses are known as the physical education block.

B. Required courses in physical education which include courses in theory, and listed as Physical Education 75, 76, 77, 78, 150, 151, 152, 166, 167, 168, 169, 175, 179, 276, and 277.

C. Required courses in English and public speaking.

D. Required courses in science which furnish a background for physical education in practice.

E. Required courses in education which consider the principles of general education.

F. Required courses in social studies.

G. Required courses in military science for men of the University.

H. Elective courses which are taken at the pleasure of the student.

It is understood that a sound and vigorous body is essential to all students who elect this curriculum. Each student must, therefore, pass a thorough physical examination before he will be allowed to enroll in this program. Special emphasis should be placed upon the personal and professional qualifications of the student as well as on a high standard of scholarship.

Student teaching of high school classes in physical education, as well as practice coaching of high school athletic teams, is available in the University Demonstration High School and in the Morgantown High School. Student teaching of college classes in physical education is provided in connection with the service programs for both men and women.

FOUR YEAR CURRICULA IN PHYSICAL EDUCATION

Leading to the Degree of Bachelor of Science in Physical Education

GENERAL MINIMUM REQUIREMENTS

1.	Physical Education For Men	33
2.	Physical Education For Women	35
3.	English and Public Speaking	15
4.	Social Studies	15
5.	Science—Anatomy, Zoology, Chemistry, Physiology	20
6.	Education	20
7.	Health Education	5
8.	Military Science (men)	4
9.	Home Economics (women)	3
10.	Elective (women)	15
11.	Elective (men)	16

CURRICULUM IN PHYSICAL EDUCATION FOR MEN

FIRST YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Chemistry 1	4	Chemistry 2	4
Phys. Ed. 11	2	Phys. Ed. 12	2
Phys. Ed. 75	3	Phys. Ed. 76	2
Military Science 1	1	History	3
History	3	Military Science 2	1
	16		15

SECOND YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 3	3	English 4	3
Zoology 4	5	Anatomy 1	4
Phys. Ed. 43	2	Public Speaking 7 or 11	3
Phys. Ed. 77	2	Phys. Ed. 44	2
Military Science 3	1	Phys. Ed. 78	3
Elective	3	Military Science 4	1
	16		16

THIRD YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Ed. Psy. 106	3	Phys. Ed. 179 (Physiology)	3
Ed. Ad. 109	3	Ed. Psy. 214	2
Phys. Ed. 111	2	Phys. Ed. 150	3
Phys. Ed. 175	3	Phys. Ed. 112	2
Sociology 101	3	Elective	6
Elective	2		16
	16		

FOURTH YEAR

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Ed. M. and M. 120	3	Phys. Ed. 144	2
Phys. Ed. 143	2	Phys. Ed. 277	3
Phys. Ed. 276	3	Social Studies	3
Observation	2	Phys. Ed. 151	3
Ed. Psy. 112	2	Phys. Ed. 152	2
Social Studies	3	Elective	3
Elective	2		
	17		16

The following courses are prerequisite one to another in the order named: Chemistry 1 and 2, Zoology 4, Anatomy 1, and Physical Education 175 and 179.

CURRICULUM IN PHYSICAL EDUCATION FOR WOMEN

First Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
English 1	3	English 2	3
Chemistry 1	4	Chemistry 2	4
Phys. Ed. 27	2	Phys. Ed. 28	2
Phys. Ed. 75	3	Phys. Ed. 76	2
Elective	1	History	3
History	3	Elective	2
	16		16

Second Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Zoology 4	5	Anatomy 1	4
English 3	3	English 4	3
Phys. Ed. 59	2	Home Econ. 14—Nutrition	3
Phys. Ed. 77	2	Phys. Ed. 60.	2
Public Speaking 7 or 11	3	Phys. Ed. 78	3
Elective	2		
	17		15

Third Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Ed. Psy. 106	3	Phys. Ed. 179 (Physiology)	3
Ed. Ad. 109	3	Ed. Psy. 214	2
Phys. Ed. 127	2	Phys. Ed. 128	2
Phys. Ed. 175	3	Phys. Ed. 166	3
Phys. Ed. 167	2	Social Studies	3
Sociology 101	3	Elective	3
	16		16

Fourth Year

First Semester	*Hrs.*	*Second Semester*	*Hrs.*
Ed. M. and M. 120	3	Phys. Ed. 160	2
Phys. Ed. 159	2	Phys. Ed. 277	3
Phys. Ed. 276	3	Phys. Ed. 168	3
Observation	2	Phys. Ed. 169	2
Ed. Psy. 112	2	Elective	7
Social Studies	3		17
	15		

The following courses are prerequisite one to another in the order named: Chemistry 1 and 2, Zoology 4, Anatomy 1, and Physical Education 175 and 179.

COURSES OF INSTRUCTION

For a detailed description of the courses in physical education see pages 308 to 313.

REQUIREMENTS FOR CERTIFICATION OF HIGH SCHOOL TEACHERS

For a statement of the conditions governing the preparation of high school teachers and their recommendation to the State Board for certification, see page 157.

SUGGESTED TEACHING COMBINATIONS FOR FIRST CLASS HIGH SCHOOL CERTIFICATES

1. Physical education and biology.
2. Physical education and Spanish or French or German or Latin.
3. Physical education and mathematics.
4. Physical Education and Social Science.
5. Physical Education and English.
6. Physical education may be taken as a second or third[1] teaching subject with any recommended combinations.

DIRECTORS OF PHYSICAL EDUCATION

(First or second Teaching Subject)

Courses	*Hours*
REQUIRED COURSES FOR MEN:	
Physical Education 11, 12, 43, 44, 111, 112, 143, and 144—Theory and Practice of Physical Education for freshmen, sophomores, juniors, and seniors	16
Physical Education 150—Individual Gymnastics	3
Physical Education 151—Directed Teaching	3
Physical Education 152—Materials and Methods in Physical Education	2
	24
REQUIRED COURSES FOR WOMEN:	
Physical Education 27, 28, 59, 60, 127, 128, 159, and 160—Theory and Practice of Physical Education—for freshmen, sophomores, juniors, and seniors	16
Physical Education 166—Individual Gymnastics	3
Physical Education 167—Rythmic Analysis	2
Physical Education 168—Directed Teaching	3
Physical Education 169—Materials and Methods of Teaching Physical Education	2
	26
REQUIRED COURSES FOR MEN AND WOMEN:	
Physical Education 75—Introduction to Physical Education	3
Physical Education 76—Hygiene	2
Physical Education 77—History of Physical Education	2
Physical Education 78—Playground and Community Recreation	3
Physical Education 175—Kinesiology	3
Physical Education 179—Physiology	3
Physical Education 276—Health Education	3
Physical Education 277—Organization and Administration of Physical Education	3
	22

[1]See page 210.

PART TIME TEACHERS OF PHYSICAL EDUCATION

(Third Teaching Subject)

Teachers who have completed at least fifteen hours in physical education and two hours in health education and are qualified for the first-class high school certificate, may be certified on this certificate as part-time teachers of physical education, provided the following courses are included in the seventeen hours of health and physical education.

Courses	*Hours*
PROFESSIONAL COURSES FOR MEN AND WOMEN:	
Physical Education 75—Introduction to Physical Education	3
Physical Education 78—Community Play and Recreation	3
Physical Education 277—Organization and Administration of Physical Education	3
Physical Education 180—Public School Health	2
THEORY AND PRACTICE FOR MEN:	
Courses selected from the following: Physical Education 11, 12, 43, 44, 111, 112	6
THEORY AND PRACTICE FOR WOMEN:	
Courses selected from the following: Physical Education 27, 28, 59, 60, 127, 128	6

GENERAL PHYSICAL EDUCATION REQUIREMENT FOR CERTIFICATION

All students who plan to be certificated to teach must meet the State requirement of a minimum of six (6) hours of Health and Physical Education.

The specific courses offered to meet this requirement are as follows:[1]

For Men	*Hrs.*	*For Women*	*Hrs.*
Physical Education 1*	1	Physical Education 1*	1
Physical Education 2*	1	Physical Education 2*	1
Physical Education 178	2	Physical Education 3*	1
Physical Education 180	2	Physical Education 4*	1
	6	Physical Education 180	2
			8

*This requirement should be met by the men in their first year of residence, and by women during their first two years of residence.

[1]Physical Education 178 and 180 are open only to juniors and seniors.

Part IV
COURSES OF INSTRUCTION

COURSES OF INSTRUCTION

ARRANGEMENT OF COURSES

The courses of instruction for all colleges, schools, and divisions of the University are assembled in this part of the Catalogue alphabetically by major groups, and alphabetically by departments under each group. The major groups appear in the following order: Agriculture, Arts and Sciences, Education, Engineering, Law, Medicine, Mining, Music, Pharmacy, Physical Education, and Summer Session. The home economics courses appear under Agriculture.

ABBREVIATIONS

The following abbreviations are used in the announcements of courses:

I—a course given during the first semester
II—a course given during the second semester
I, II—a semester course given each semester
Yr.—a course continuing through two semesters
S—a course given during the summer session
Hrs.—number of credit hours per course
†Course omitted 1932-33.

Wherever reference is made to education or engineering courses in the course announcements, curricula or textual matter, the department will be indicated as follows:

General Education	—Gen. Ed.
Agricultural Education	—Ag. Ed.
Educational Administration	—Ed. Ad.
Higher Education	—Hi. Ed.
Home Economics Education	—H. E. Ed.
Educational Materials and Methods	—Ed. M. and M.
Educational Psychology	—Ed. Psy.
Educational Supervision	—Ed. Sup.
Chemical Engineering	—Ch. E.
Civil Engineering	—C. E.
Electrical Engineering	—E. E.
Industrial Education	—I. E.
Mechanical Engineering	—M. E.
Mechanics	—M.
Mining Engineering	—E. M.
General	—G.

SCHEDULE

A complete statement showing the name, number and description of each course, number of credit hours, days on which class meets, name of instructor, room number, and building, appears in a semester schedule published at the beginning of each semester.

PLAN FOR NUMBERING COURSES

For convenience it is customary to designate the course of study by the name of the department and the number of the particular course. The plan for numbering is as follows:

Courses 1 to 99—courses open to freshmen and sophomores
Courses 100 to 199—courses open to juniors and seniors
Courses 200 to 299—junior and senior courses open to graduates
Courses 300 to 399—courses open to graduates only

AGRICULTURE

(For explanation of abbreviations, see page 212.)

AGRICULTURE

Dean FROMME and AGRICULTURAL COLLEGE STAFF.

Undergraduate Division

1. **Introduction to Agriculture.** I. 1 Hr.
A survey of the history and practice of the general field of agriculture with special reference to opportunities and problems in West Virginia. Two lectures.
Mr. DUSTMAN and AGRICULTURAL COLLEGE STAFF.

2. **Introduction to Agriculture.** II. 1 Hr.
Continuation of Agriculture 1.
Mr. DUSTMAN and AGRICULTURAL COLLEGE STAFF.

5. **Farm Practice.** 2 Hrs.
A minimum of 12 weeks on an approved farm will be required of each candidate for the degree of Bachelor of Science in Agriculture who has not had the equivalent of at least one year's farm experience after reaching the age of 14 years. This work must be done under direction of the Dean and the Committee on Farm Operations. Open only to students deficient in farm practice.

AGRICULTURAL CHEMISTRY

Professor DUSTMAN.

Undergraduate Division[1]

(See pages 230 to 233.)

Graduate Division

303, 304. **Chemistry of Plant Products.** I, II. 3 Hrs.
Prerequisite: inorganic chemistry and organic chemistry.

380, 382. **Research.** I. 1 to 5 Hrs.
Graduate research in the general field of agricultural chemistry. Available only by permission of instructor. Mr. DUSTMAN.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Agricultural Chemistry 380. Mr. DUSTMAN.

[1]Chemistry courses for agricultural and home economics students of undergraduate rank are offered in the College of Arts and Sciences.

AGRICULTURE EDUCATION[1]

Associate Professors ALLEN, OLNEY, and PARSONS; and Instructor CLINE.

Undergraduate Division

101. Problems of Rural Education. II. 2 Hrs.
An introductory course to assist students in choosing a vocation in the various fields of rural educational service. Two lectures.
Mr. ALLEN.

†**117. Surveys of Occupations.** II. 2 Hrs.
Material and method of occupational analysis to train teachers in vocational guidance. Offered in alternate years. Two lectures.
Mr. OLNEY.

120. Principles of Vocational Teaching. II. 3 Hrs.
The development of principles underlying instruction in agricultural occupations. Three lectures. Agricultural Education 224 should accompany or precede. Mr. ALLEN.

134. Methods of Agricultural Extension. II. 2 Hrs.
A study of the activities of the county extension agents and the agricultural extension program of West Virginia. Two lectures. Offered in alternate years. Mr. PARSONS.

138. Directed Practice in Agricultural Extension. II, S. 2 to 4 Hrs.
Participation as a responsible assistant under guidance in the work of the county agricultural or home demonstration agent.
Mr. ALLEN and STAFF.

160. Materials and Methods of Teaching Vocational Agriculture. I, II. 3 Hrs.
First semester: for seniors only. Two lectures and one laboratory. Second semester; for juniors only. Two lectures and one laboratory. Prerequisite: all required basic agricultural courses.
Mr. PARSONS.

166. Materials and Methods of Teaching Elementary Science. I. 2 Hrs.
Selection and evaluation of materials to be included in elementary science, together with suggestions for their effective presentation. Two lectures. Mr. ALLEN.

168. Materials and Methods of Visual Instruction. I. 2 Hrs.
Practice in the preparation and use of illustrative materials and devices employed in teaching vocational agriculture and related science. Offered in alternate years. Two laboratories. Mr. ALLEN.

180. Special Problems. I. 1 to 3 Hrs. Mr. ALLEN and STAFF.

181. Special Problems. II. 1 to 3 Hrs. Mr. ALLEN and STAFF.

†Omitted, 1932-33.

[1]Agricultural Education 160, 120, 224, and 101 or 233 are required of all candidates for positions teaching vocational agriculture in West Virginia high schools. Agricultural Education 120, 224, 233, 138, and 180 may be taken in extension.

224. Student Teaching. I, II. 3 to 5 Hrs.
Participation under guidance in representative activities of the teacher of vocational agriculture. Two lectures and one laboratory. Prerequisite: Agricultural Education 160 and attainment of 1½ honor points for each credit-hour in courses in agriculture.
Mr. PARSONS.

233. Rural Organization. I. 3 Hrs.
The educative function of vocational teachers and leaders in rural community organization; directed observation and participation in programs, requiring several afternoon and out-of-town trips. Two lectures and a third period to be arranged. Mr. ALLEN.

†248. Graphic Methods in Teaching. I. 2 Hrs.
Practice in the use of graphic devices for presenting facts; interpreting and analyzing data; and studying achievement. Offered in alternate years. Two lectures. Mr. ALLEN.

257. Vocational Education in Secondary Schools. I. 2 Hrs.
The administration of vocational education as the problem of superintendents and principals. Two lectures. Mr. PARSONS.

Graduate Division

360, 361. Problems in Agricultural Education. I, II. 1 to 5 Hrs.
Critical studies of selected phases of the organization or technique of instruction in agriculture. Individual assignments on specific problems. Prerequisite: Agricultural Education 120, 160, and 134 or 233. Mr. ALLEN and STAFF.

380, 382. Research. I. 1 to 5 Hrs.
Original investigations through surveys or controlled experimentation in the materials, methods, and organization of instruction in agriculture. These studies may constitute or be continued into a thesis. Prerequisite: Agricultural Education 138 or 224, and 360 or 361. Mr. ALLEN and STAFF.

381, 383. Research. II. 1 to 5 Hrs.
Same as Agricultural Education 380. Mr. ALLEN and STAFF.

AGRICULTURAL JOURNALISM

Instructor JENNY.

Undergraduate Division

105. Agricultural Journalism. II. 3 Hrs.
Primarily a course in farm news writing. Three lectures and recitations. Prerequisite: Journalism 1. Mr. JENNY.

†Omitted, 1932-33.

AGRONOMY AND GENETICS

Professor GARBER; Associate Professor PIERRE; Assistant Professors HOOVER and POHLMAN; and Graduate Assistants BENNETT and STUART.

AGRONOMY

Undergraduate Division

1. **Farm Crops.** I. 5 Hrs.
A study of cereal, forage, and pasture crops. Three lectures and two laboratories. Mr. POHLMAN.

2. **Soils.** II. 3 Hrs.
A study of the properties of soils. Two lectures and one laboratory. Mr. POHLMAN.

180. **Special Problems.** I. 1 to 3 Hrs.
Advanced work in soils or crop production. Mr. GARBER and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. GARBER and STAFF.

210. **Advanced Soils.** I. 2 or 3 Hrs.
Soil fertility and the theories and practices in the use of fertilizer. Two lectures with one laboratory optional. Prerequisite: Agronomy 2. Mr. PIERRE.

Graduate Division

316. **Soil Chemistry.** II. 3 Hrs. Mr. PIERRE.

†330. **Plant Breeding and Field Technic.** II. 3 Hrs.
Prerequisite: Genetics 221. Offered in alternate years.
Mr. GARBER and STAFF.

380, 382. **Research in Agronomy and Soils.** I. 1 to 5 Hrs.
Mr. GARBER and STAFF.

381, 383. **Research in Agronomy and Soils.** II. 1 to 5 Hrs.
Same as Agronomy 380. Mr. GARBER and STAFF.

GENETICS

Undergraduate Division

111. **Elementary Genetics.** I, II. 2 or 3 Hrs.
An elementary study of the principles of heredity. Two lectures with one laboratory optional. Mr. HOOVER.

180. **Special Problems.** I. 1 to 3 Hrs. Mr. GARBER and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. GARBER and STAFF.

221. **Genetics.** I. 3 Hrs.
Fundamental principles of inheritance. Two lectures and one laboratory. Mr. GARBER and Mr. HOOVER.

†Not available, 1932-33.

Graduate Division

322. **Advanced Genetics.** II. 3 Hrs.
Prerequisite: Genetics 221. Mr. GARBER.

332. **Biometry.** II. 3 Hrs.
Statistical analysis of biological data. Offered in alternate years. Mr. GARBER.

380, 382. **Research.** I. 1 to 5 Hrs.
Adapted to the needs of graduate students wishing to do research or directed reading in the field of plant or animal genetics. May or may not include a thesis. Mr. GARBER and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Genetics 380. Mr. GARBER and STAFF.

ANIMAL HUSBANDRY[1]

Professor LIVESAY; Associate Professor RIETZ; Assistant Professors WILSON and LONGWELL; and Graduate Assistant BEALL.

Undergraduate Division

1. **Animal Nutrition.** II. 3 Hrs.
A study of digestion and metabolism of food nutrients, nutrient requirements of farm animals, and nutritive values of feeds and rations. Three lectures. Mr. LONGWELL.

102. **Livestock Production and Management.** I. 5 Hrs.
A study of market types, breeds, production, and management of beef cattle, hogs, and horses. Three lectures and two laboratories. Prerequisite: Animal Husbandry 1.
Mr. LIVESAY and Mr. LONGWELL.

137. **Summer Practice.** S. 2 Hrs.
To be arranged in consultation with head of department.
Mr. WILSON.

138. **Livestock Grading and Selection.** II. 2 Hrs.
Two laboratories. Mr. LIVESAY and STAFF.

161. **Mutton and Wool Production.** II. 3 Hrs.
Two lectures and one laboratory. Mr. WILSON.

166. **Meats.** II. 2 Hrs.
Lectures and demonstrations on the identification, selection, and nutritive value of meat cuts. Primarily for home economics students. Two lectures. Mr. LONGWELL.

167. **Meats.** I. 3 Hrs.
Farm butchering, curing, and care of meats. Visit to one of the large packing houses of Pittsburgh required of all students taking this course. Two lectures and two laboratories combined.
Mr. LONGWELL.

[1]Animal Husbandry 1 and 102 are prerequisite to all courses in the Department, including veterinary science courses.

169. **Meat Judging.** I. 1 Hr. Mr. LONGWELL.

180. **Special Problems.** I. 1 to 3 Hrs. Mr. LIVESAY and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. LIVESAY and STAFF.

203. **Advanced Animal Nutrition.** II. 3 Hrs.
A detailed study of the chemistry of feeding stuffs and of the animal body, as well as of the digestion and metabolism of food nutrients. Three lectures. Mr. LONGWELL.

222. **Breeding Farm Animals.** II. 3 Hrs.
Three lectures. Mr. LIVESAY.

235. **Animal Husbandry Seminar.** I. 1 Hr. Mr. LIVESAY and STAFF.

236. **Animal Husbandry Seminar.** II. 1 Hr. Mr. LIVESAY and STAFF.

243. **Advanced Livestock Judging.** I. 2 Hrs.
Students taking this course will be required to participate in a tour of inspection of representative flocks, herds, and studs. Two laboratories. Mr. LIVESAY and STAFF.

Graduate Division

380, 382. **Research.** I. 1 to 5 Hrs.
Library and experimental work along the lines of breeding, nutrition, and parasites. Mr. LIVESAY and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Animal Husbandry 380. Mr. LIVESAY and STAFF.

VETERINARY SCIENCE

Undergraduate Division

102. **Animal Pathology.** I. 3 Hrs.
Three lectures. Mr. RIETZ.

106. **Parasites of Farm Animals and Poultry Diseases.** II. 3 Hrs.
Three lectures. Offered in alternate years. Mr. RIETZ.

DAIRY HUSBANDRY

Professor HENDERSON; Associate Professor THURSTON; Assistant Professor BOWLING; and Graduate Assistants BARNHART[1] and TEAGUE.

Undergraduate Division

101. **Principles of Dairying.** I. 5 Hrs.
Prerequisite to all other courses in the department except Dairy Husbandry 107. Three lectures and two laboratories.
Mr. HENDERSON and Mr. THURSTON.

[1]Resigned, February 15, 1932.

102. Dairy Manufactures. II. 4 Hrs.
A study of the manufacture of ice cream, condensed milk, and dry milk. Offered in alternate years. Three lectures and one laboratory. Mr. THURSTON.

†**103. Dairy Manufactures.** II. 4 Hrs.
A study of market milk and the manufacture of butter and cheese. Offered in alternate years. Three lectures and one laboratory. Mr. THURSTON.

107. Milk and Public Health. I. 2 or 3 Hrs.
Two lectures and one laboratory. Mr. HENDERSON.

123. Dairy Judging. II. 1 or 2 Hrs.
Two laboratories. Mr. BOWLING and Mr. THURSTON.

135. Summer Practice. S. 2 Hrs.
Course to be arranged in consultation with head of department. Mr. HENDERSON.

180. Special Problems. I. 1 to 3 Hrs. Mr. HENDERSON and STAFF.

181. Special Problems. II. 1 to 3 Hrs. Mr. HENDERSON and STAFF.

204. Dairy Technology. II. 3 Hrs.
Chemical and bacteriological methods used in the technical control of milk and milk products. One lecture and two laboratories. Prerequisite: Dairy Husbandry 101 and 102 or 103. Mr. THURSTON.

218. Dairy Chemistry. I. 3 Hrs.
One lecture and two laboratories. Offered in alternate years. Prerequisite for graduate students: Chemistry 106 or equivalent, Chemistry 31 or 233, and Dairy Husbandry 101. Mr. DUSTMAN and Mr. THURSTON.

221. Purebred Dairy Cattle. I. 3 Hrs.
Two lectures and one laboratory. Offered in alternate years. Mr. BOWLING.

222. Milk Production. II. 4 Hrs.
Three lectures and one laboratory. Mr. HENDERSON.

Graduate Division

380, 382. Research. I. 1 to 5 Hrs.
Special assigned dairy problems consisting either of library references or of work in the laboratory. Mr. HENDERSON and STAFF.

381, 383. Research. II. 1 to 5 Hrs.
Same as Dairy Husbandry 380. Mr. HENDERSON and STAFF.

†Omitted, 1932-33.

ENTOMOLOGY

Professor PEAIRS and Graduate Assistant IRVINE.

Undergraduate Division

2. **Entomology.** II. 4 Hrs.
Prerequisite to all other courses offered in the department. Biological, morphological, taxonomic, and economic phases of the study of insects. Three lectures and one laboratory. Prerequisite: invertebrate zoology. Mr. PEAIRS and STAFF.

103. **Economic Entomology.** I. 3 Hrs.
Standard practices in insect control; methods for the study of injurious insects. Professional requirements in entomology. Three lectures. Mr. PEAIRS.

104. **Systematic Entomology.** II. 3 Hrs.
Taxonomy of genera and species of West Virginia insects. Classification of restricted groups for qualified students. Three laboratories. Mr. PEAIRS and STAFF.

111. **Summer Field Work.** S. 2 Hrs.
Systematic collecting and field studies of insects, to be followed for credit by Entomology 104. Students taking this course will be required to provide their own equipment for collecting and mounting insects. Prerequisite: consent of instructor. Mr. PEAIRS.

180. **Special Problems.** I. 1 to 3 Hrs.
Work adapted to the individual needs of students who desire special training in the field of entomology. Mr. PEAIRS.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. PEAIRS.

201. **Survey of Applied Entomology.** I. 3 to 5 Hrs.
Three lecture or conference periods and two optional laboratory periods each week. The principles underlying the control of insects; cultural, biological, and chemical. A critical study of experimental work which has led to the adoption of standard practices in selected cases, and a survey of present conditions which shall serve as a point of departure for research work and should precede or accompany all graduate work in entomology. Practice in biological and control investigations. Mr. PEAIRS.

Graduate Division

380, 382. **Research.** I. 1 to 5 Hrs.
Problems adapted to the needs and training of the student. These may be biological, taxonomic, or economic in their nature and must be based upon a thorough knowledge of what has been done by other investigators in the same line of work. Mr. PEAIRS.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Entomology 380. Mr. PEAIRS.

FARM ECONOMICS

Professor DADISMAN; and Assistant Professors ARMENTROUT and CORNELL.

Undergraduate Division

12. **Farm Economics.** II. 3 Hrs.
Principles of economics as applied to agriculture. Three lectures. Mr. DADISMAN.

104. **Farm Management.** II. 3 Hrs.
Choosing, equipping, and operating a farm. Three lectures. Mr. DADISMAN.

107. **Farm Records and Accounts.** I. 2 Hrs.
One lecture and laboratory combined. Mr. DADISMAN.

131. **Marketing Agricultural Products.** I. 3 Hrs.
A study of principles and practices of marketing agricultural products. One day will be spent in Pittsburgh studying fruit, vegetable, and livestock markets. Three lectures. Mr. ARMENTROUT.

180. **Special Problems.** I. 1 to 3 Hrs. Mr. DADISMAN and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. DADISMAN and STAFF.

216. **Agricultural Land Problems.** II. 2 Hrs.
A study of land systems and policies of the leading agricultural countries. Two lectures. Mr. DADISMAN.

218. **Agricultural Statistics.** II. 2 Hrs.
Statistical analysis and presentation of agricultural data. One lecture and one laboratory. Mr. DADISMAN and Mr. CORNELL.

233. **Cooperative Marketing of Agricultural Products.** I. 3 or 4 Hrs.
Organization, management, and financing of farmers' cooperative organizations. Three lectures. One laboratory in accounting of cooperative marketing associations optional. Prerequisite: Farm Economics 131. Mr. ARMENTROUT.

Graduate Division

380, 382. **Research.** I. 1 to 5 Hrs.
A study of specific problems related to the field of farm economics; or the preparation of a thesis. Mr. DADISMAN and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Farm Economics 380. Mr. DADISMAN and STAFF.

FARM MECHANICS

Undergraduate Division

152. **Farm Shop Work.** II. 2 Hrs.
Practical instruction in woodworking, cold metal, concrete, soldering, etc., as applied to construction and repair work on the farm. One lecture and laboratory combined. Mr. CORNELL.

153. **Farm Mechanics.** I. 3 Hrs.
Principles underlying farm mechanics, with special reference to farm machinery and farm power. Two lectures and one laboratory. Mr. CORNELL.

159. **Farm Buildings and Sanitation.** I. 3 Hrs.
Design and construction of farm buildings, together with problems involving sanitation. Two lectures and one laboratory.
Mr. CORNELL.

HOME ECONOMICS

Professor COLWELL; Assistant Professors NESBITT, NOER, PALMER, RICHMOND, and SELL; Instructors BRADEN, DIETRICH, and WADDELL; and Assistants CURTIS and SHIREY.

(1) Students in the College of Arts and Sciences who major in home economics must meet the requirements in that college and also the departmental requirements as outlined on pages 145 and 146.

(2) Students who wish to obtain the high school certificate to teach home economics must meet the requirements of the State Board of Education, the College of Education, and the Department of Home Economics. This can be done only through work in the College of Agriculture leading to the B. S. H. E. degree.

(3) Students from other colleges who wish to elect home economics courses without meeting the Science requirements may take Home Economics 2, 14, 15, 16, 122, 31, 133, and 134 or 135.

(For explanation of abbreviations see page 212.)

Undergraduate Division

FOODS AND NUTRITION

2. **Food Selection.** II. 2 Hrs.
Not open to majors. Planned for students in lower division of College of Arts and Sciences who wish to have such knowledge of elementary nutrition as will enable them to establish good food habits. Two lectures. Miss COLWELL.

3. **Food Preparation.** I, II. 4 Hrs.
Two lectures and two laboratories. Prerequisite: Chemistry 1 or its equivalent. Miss BRADEN.

4. **Food Study.** II. 4 Hrs.
Two lectures and two laboratories. Prerequisite: Home Economics 3 or its equivalent, and Chemistry 1 and 2. Miss BRADEN.

14. **Nutrition.** II. 3 Hrs.
Primarily for physical education majors. Two lectures and one laboratory. Miss BRADEN.

105. **Food Preservation.** I. 2 Hrs.
One lecture and one laboratory period combined. Prerequisite: Home Economics 4 or its equivalent. Miss NESBITT.

107. **Dietetics.** I. 4 Hrs.
Two lectures and two laboratories. Prerequisite: Home Economics 3 and 4, and biological science 8 hours. Miss BRADEN.

108. **Group Feeding.** I, II. 2 Hrs.
One laboratory. Prerequisite: Home Economics 3 and 4.
Miss COLWELL and Miss WADDELL.

212. **Human Nutrition.** II. 4 Hrs.
Two lectures and two laboratories. Prerequisite: Chemistry 31, Home Economics 3, 4, and 107. Miss NESBITT.

215. **Nutrition Work with Children.** I, II. 2 Hrs.
One lecture and one laboratory. Prerequisite: Home Economics 3, 4, and 107. Miss NESBITT.

216. **Community Nutrition Problems.** I, II. 2 Hrs.
Lecture and field work. Prerequisite: Home Economics 3, 4, 107, 215, or consent of instructor. Miss COLWELL and Miss BRADEN.

TEXTILES AND CLOTHING

15. **Clothing Selection.** I, II. 2 Hrs.
Two lectures. Miss NOER.

16. **Elementary Course in Clothing Construction.** I, II. 2 Hrs.
Two laboratories. Miss NOER and Miss CURTIS.

19 or 119. **Textile Fabrics.** I, II. 3 Hrs.
One lecture and two laboratories. Miss DIETRICH.

122. **Selection and Construction of Clothing.** I, II. 3 Hrs.
Three laboratories. Prerequisite: Home Economics 16, 19, 31, or permission of instructor. Miss DIETRICH.

125. **Advanced Clothing.** I, II. 3 Hrs.
Three laboratories. Prerequisite: Home Economics 19 and 122.
Miss DIETRICH.

226. **Advanced Textiles.** II. 2 Hrs.
Two laboratories. Prerequisite: Home Economics 19, Chemistry 1 and 2. Miss DIETRICH.

APPLIED ARTS

31. **Applied Design.** I, II. 4 Hrs.
Two lectures and two laboratories. Miss PALMER.

133. **House Architecture.** I. 3 Hrs.
One lecture and two laboratories. Prerequisite: Home Economics 31. Miss PALMER.

134. **House Decoration.** II. 3 Hrs.
One lecture and two laboratories. Suggested prerequisite: Home Economics 19, 31, 133. Miss PALMER.

135. **Home Planning and Furnishing.** I, II. 4 Hrs.
Not open to students who take Home Economics 133 and 134. Suggested prerequisite: Home Economics 19 and 31.
Miss PALMER.

HEALTH AND CHILD CARE

240. **Child Development.** II. 2 Hrs.
Two lectures. Prerequisite: Home Economics 4 and 107; suggested, Psychology 1. Miss COLWELL.

241. **Nursery School.** I, II. 2 Hrs.
Prerequisite: consent of instructor. Miss COLWELL and STAFF.

HOME MANAGEMENT

152. **Home Management Laboratory.** I, II. 3 Hrs.
To be preceded or accompanied by Home Economics 151 and 254.
Miss COLWELL and Miss CURTIS.

251. **Mechanics of the House.** I, II. 2 Hrs.
Prerequisite: Home Economics 3 and 4, 107, 31, 135, 15, 19, 122.
Miss NESBITT.

254. **Home Management.** I, II. 3 Hrs.
Three lectures. Miss NESBITT.

HOME ECONOMICS EDUCATION

163. **Materials and Methods of Teaching Home Economics in High Schools.** I, II. 2 Hrs.
Two lectures. Prerequisite: minimum home economics required courses, 25 hours; preferably 32 hours. Education required courses, 9 hours; preferably 12 hours. Miss RICHMOND.

224. **Student Teaching.** I, II. 3 Hrs.
Prerequisite or parallel, Ed. M. and M. 120 and 163.
Miss RICHMOND and Miss SELL.

262. **Vocational Home Economics in Secondary Schools.** I, II. 2 Hrs.
The placement of home economics content in junior and senior high school. Layouts and equipment. Two lectures. Prerequisite: Ed. M. and M. 163 or consent of instructor. Miss RICHMOND.

264. **Problems in Home Economics Education.** II. 2 Hrs.
Prerequisite: Home Economics 262 or consent of instructor.
Miss RICHMOND.

GENERAL COURSES

1. **Home Economics Survey.** I, II. 1 Hr.
A brief survey of the scope and field of home economics education. One lecture. Miss COLWELL and STAFF.

180. **Problems in Home Economics.** I. 1 to 3 Hrs.
Miss COLWELL and STAFF.

181. **Problems in Home Economics.** II. 1 to 3 Hrs.
Miss COLWELL and STAFF.

270. **History of Home Economics.** I, II. 1 Hr.
One lecture. Miss COLWELL and STAFF.

Graduate Division

380, 382. **Research.** I. 1 to 5 Hrs.
Courses are planned to meet the needs of qualified graduate students. Mainly, original research in the fields of nutrition, textiles, home management, and applied art. Miss COLWELL and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Home Economics 380. Miss COLWELL and STAFF.

HORTICULTURE

Professor KNOWLTON; Assistant Professor WESTOVER; and Instructors CHILDS, DYE, and MCCUBBIN.

Undergraduate Division

101. **Principles in Horticulture.** I. 4 Hrs.
Fruit production with some attention to seasonal activities in vegetable growing. Prerequisite to all courses in pomology. Three lectures and one laboratory. Mr. KNOWLTON and STAFF.

102. **Principles of Horticulture.** II. 4 Hrs.
Vegetable production with some attention to seasonal activities in fruit growing. Prerequisite to all courses in olericulture. Three lectures and one laboratory. Mr. WESTOVER and STAFF.

115. **Fruit Judging.** I. 1 Hr.
Two laboratory periods first half of semester. Mr. CHILDS.

139. **Landscape Gardening.** I. 2 Hrs.
Theory and practice of landscape design with special application to home grounds. One lecture and one laboratory. Mr. DYE.

140. **Plant Materials.** II. 2 Hrs.
A study of the important woody and herbaceous plants used in landscape gardening. One lecture and one laboratory. Mr. DYE.

180. **Special Problems.** I. 1 to 3 Hrs. Mr. KNOWLTON and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. KNOWLTON and STAFF.

206. **Small Fruits Production.** II. 3 Hrs.
A practical and scientific study of standard cultural practices in the small fruit plantation. Offered in alternate years. Two lectures and one laboratory. Mr. CHILDS.

209. Systematic Pomology. I. 3 Hrs.
A study of the history, botany, and classification of fruits. Two lectures and one laboratory. Mr. KNOWLTON and STAFF.

212. Commercial Fruit Production. II. 3 Hrs.
The latest methods in pruning, spraying, soil culture, and other production practices for fruit trees from the practical and scientific standpoint. Two lectures and one laboratory.
Mr. KNOWLTON and STAFF.

213. Harvesting, Packing, and Storage of Fruits. I. 3 Hrs.
Instruction in maturity standards for harvesting, grading according to national and state standards, and planning and management of packing houses and storages. Two lectures and one laboratory.
Mr. KNOWLTON and STAFF.

232. Commercial Vegetable Production. II. 3 Hrs.
Two lectures and one laboratory. Mr. WESTOVER and STAFF.

233. Systematic Olericulture. I. 3 Hrs.
A study of the classification of vegetables. Two lectures and one laboratory. Mr. WESTOVER and STAFF.

Graduate Division

380, 382. Research. I. 1 to 5 Hrs.
Original investigation on an assigned problem dealing with horticultural crops. Mr. KNOWLTON and STAFF.

381, 383. Research. II. 1 to 5 Hrs.
Same as Horticulture 380. Mr. KNOWLTON and STAFF.

PHYSICAL EDUCATION

(See pages 308 and 309.)

PLANT PATHOLOGY[1]

Professor ORTON; Associate Professor LEONIAN; and Graduate Assistants HENRY and STANLEY.

Undergraduate Division

103. Economic Plant Pathology. I. 3 Hrs.
The important diseases of field, garden, and orchard crops; methods of control. One lecture and two laboratories.
Mr. ORTON and STAFF.

107. Market Pathology. II. 2 Hrs.
A study of the losses occurring during the storage and marketing of perishable produce. Two laboratories. Mr. ORTON and STAFF.

180. Special Problems. I. 1 to 3 Hrs. Mr. ORTON and Mr. LEONIAN.

[1]Botany 1, 2, and 41 are prerequisite to all courses in the department.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. ORTON and Mr. LEONIAN.

202. **General Plant Pathology.** II. 5 Hrs.
A fundamental course on the nature of disease in plants, with practice in laboratory methods. Two lectures and three laboratories. Mr. ORTON and STAFF.

Graduate Division

311. **Morphology of Fungi.** I. 5 Hrs. Mr. LEONIAN.

312. **Physiology of Fungi.** II. 3 Hrs.
Prerequisite: Plant Pathology 311. Mr. LEONIAN.

313. **Physiology of Parasitism.** I. 3 Hrs. Mr. ORTON.

380, 382. **Research.** I. 1 to 5 Hrs.
A detailed study of some special disease or disease group, employing advanced methods of investigation. Prerequisite: Plant Pathology 202. Mr. ORTON and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Plant Pathology 380. Mr. ORTON and STAFF.

POULTRY HUSBANDRY

Associate Professor ANDREWS and Instructor WIGHTMAN.

Undergraduate Division

1. **Poultry Husbandry.** II. 4 Hrs.
Prerequisite to all other courses in the department. Three lectures and one laboratory. Mr. ANDREWS and STAFF.

103. **Advanced Poultry Husbandry.** I. 2 Hrs.
Continuation of Poultry Husbandry 1, including a general survey of scientific investigations in poultry husbandry. Two lectures. Mr. ANDREWS.

105. **Poultry Judging.** I. 2 to 3 Hrs.
This course covers both standard and utility judging. A preparation for intercollegiate judging contests. One lecture and laboratory combined. Mr. WIGHTMAN.

180. **Special Problems.** I. 1 to 3 Hrs. Mr. ANDREWS and STAFF.

181. **Special Problems.** II. 1 to 3 Hrs. Mr. ANDREWS and STAFF.

Graduate Division

380, 382. **Research.** I. 1 to 5 Hrs.
Original research on a poultry problem to be selected. Mr. ANDREWS and STAFF.

381, 383. **Research.** II. 1 to 5 Hrs.
Same as Poultry Husbandry 380. Mr. ANDREWS and STAFF.

ARTS AND SCIENCES

(For explanation of abbreviations see page 212.)

AGRICULTURE[1]

(See pages 213 to 227.)

AGRONOMY[1]

(See pages 216 and 217.)

ANIMAL HUSBANDRY[1]

(See pages 217 and 218.)

Undergraduate Division

BIOLOGY[2]

Lower Division[3]

1. General Biology. I, II. 4 Hrs.
   Mr. REESE and Mr. STRAUSBAUGH.

2. General Biology. I, II. 4 Hrs.
   Continuation of Biology 1. Mr. REESE and Mr. STRAUSBAUGH.

Graduate Division

350, 351. Biological Science Seminar. I, II. 1 Hr.
Mr. ORTON, Mr. GARBER, Mr. REESE, and Mr. STRAUSBAUGH.

BOTANY[4]

Professors STRAUSBAUGH and SPANGLER; and
Instructors AMMONS and SHARP.

Lower Division

1. General Botany. I, II. 4 Hrs.
   A course dealing with the structure, function, and environmental relations of the seed plant.
   Mr. STRAUSBAUGH, Miss AMMONS, and Mr. SHARP.

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[1]The following courses are regular electives in the College of Arts and Sciences: Farm Economics 131, Dairy Husbandry 218, and all courses in entomology, genetics, and plant pathology. In addition to these courses, fifteen hours, selected from the following courses offered in the College of Agriculture, may be credited toward the A. B. degree in the College of Arts and Sciences: Agricultural Education 101, 168, 134, and 233; Agronomy 1 and 2. Animal Husbandry 1, 102, and 222; Dairy Husbandry 101; Farm Economics 12; Horticulture 101 and 102; and Poultry Husbandry 1.

[2]The courses in biology are given by the cooperation of the Departments of Botany and Zoology.

[3]These courses are designed especially to meet the science requirements in the lower division for students who do not intend to take further work in the biological sciences.

[4]Botany 1 of the first semester must be followed by Botany 2 of the second semester, and Botany 1 of the second semester must be followed by Botany 2 of the first semester. No other sequence is possible.

2. **General Botany.** I, II. 4 Hrs.
Continuation of Botany 1, dealing with the lower groups of plants and a brief survey of the classification of seed plants.
Mr. STRAUSBAUGH, Miss AMMONS, and Mr. SHARP.

4. **Systematic Botany.** II. 3 Hrs.
The identification of seed plants and a study of their classification.
Mr. STRAUSBAUGH and Mr. SHARP.

6. **Pharmaceutical Botany.** I. 4 Hrs.
This course is designed for pharmacy students only. Mr. SHARP.

31. **Plant Ecology.** I. 4 Hrs.
A study of the environmental relationships of plants.
Mr. STRAUSBAUGH.

Upper Division

141. **Bacteriology.** I, II. 3 Hrs. Mr. SPANGLER.

211. **Morphology and Phylogeny.** I. 4 Hrs.
A thorough survey of structure, life histories, and phylogenetic relationships of representative forms in all groups of the plant kingdom. Prerequisite: Botany 1 and 2. Mr. SPANGLER.

212. **Morphology and Phylogeny.** II. 4 Hrs.
Continuation of Botany 211. Mr. SPANGLER.

214. **Microtechnique and Plant Histology.** II. 4 Hrs.
Study of the tissues and organs of plants with training in the preparation of material for microscopic study. Prerequisite: Botany 1 and 2. Mr. STRAUSBAUGH.

221. **Plant Physiology.** I. 4 Hrs.
A study of the functions of plants. Prerequisite: Botany 1 and 2, and a general course in chemistry. STAFF.

222. **Advanced Plant Physiology.** II. 4 Hrs.
Qualitative and quantitative studies of the substances of plant tissues and the roles these play in the metabolism of the plant. Prerequisite: Botany 221; also courses in general physics and organic chemistry. STAFF.

232. **Forest Ecology.** II. 4 Hrs.
A study of the various forest types, their development and their environmental relations. Prerequisite: Botany 1, 2, and 31.
Mr. STRAUSBAUGH.

234. **Experimental Ecology.** II. 4 Hrs.
The measurement of ecological factors. Prerequisite: Botany 1, 2, and 31. Mr. STRAUSBAUGH.

251. **History of Botany.** II. 2 Hrs.
For majors and advanced students of botany only.
Mr. STRAUSBAUGH.

253. **Botany Seminar.** I. 1 Hr.
For seniors who are majoring in botany.
Mr. STRAUSBAUGH and STAFF.

254. **Botany Seminar.** II. 1 Hr.
For seniors who are majoring in botany.
Mr. STRAUSBAUGH and STAFF.

Graduate Division

365. **Morphological Studies.** I. 4 Hrs.
Mr. STRAUSBAUGH and Mr. SPANGLER.

366. **Morphological Studies.** II. 4 Hrs.
Mr. STRAUSBAUGH and Mr. SPANGLER.

371. **Problems in Plant Physiology.** I. 1 to 5 Hrs. Mr. STRAUSBAUGH.

372. **Problems in Plant Physiology.** II. 1 to 5 Hrs.
Mr. STRAUSBAUGH.

373. **Microchemistry of Plant Tissues.** I. 4 Hrs. STAFF.

381. **Problems in Plant Ecology.** I. 4 Hrs. Mr. STRAUSBAUGH.

382. **Problems in Plant Ecology.** II. 4 Hrs. Mr. STRAUSBAUGH.

391. **Research.** I. 1 to 5 Hrs.
This course is open only to students who are capable of working more or less independently in the investigation of some botanical problem. STAFF.

392. **Research.** II. 1 to 5 Hrs.
A continuation of Botany 391. STAFF.

CHEMISTRY[1]

Professors CLARK, JACOBSON, SAMUEL MORRIS, HUBERT HILL, DUSTMAN, BURKE, and DAVIES; Associate Professors DEATRICK, COLLETT, and GARLAND; and Assistant Professors LAZZELL, GIBSON, and PRAY.

Lower Division

1. **General Chemistry.**[2] I. 4 Hrs.
Recommended for students in the College of Arts and Sciences and the College of Education. Primarily for freshmen. Three recitations and two two-hour laboratory periods. STAFF.

[1]Chemistry 1, 2, and 9, or Chemistry 3 and 4 are prerequisite to all other courses in chemistry. Three-year and four-year pre-medical students are referred to pages 131 and 133, for outline of required courses. For courses in physiological and pharmaceutical chemistry see pages 294 and 307. A deposit is required of all students who take laboratory courses.

[2]Students desiring to take Chemistry 1 in the second semester may substitute Chemistry 3 if chemistry 1 is not offered.

2. General Chemistry. II. 4 Hrs.

Recommended for students in the College of Arts and Sciences and the College of Education. Primarily for freshmen. Three recitations and two two-hour laboratory periods. Prerequisite: Chemistry 1, or equivalent. STAFF.

3. Inorganic Chemistry.[1] I, II. 4 Hrs.

Required of students in the College of Agriculture, including home economics, the College of Engineering, pre-medical students, and pharmacy students. Students in the College of Arts and Sciences who have decided to take more than one year of chemistry are eligible. Primarily for freshmen. Three recitations and two two-hour laboratory periods. STAFF.

4. Inorganic Chemistry.[1] I, II. 4 Hrs.

Required of students of the College of Agriculture, College of Engineering, pre-medical students, and pharmacy students. Primarily for freshmen. Students in the College of Arts and Sciences who have decided to take more than one year of chemistry are eligible. Prerequisite: Chemistry 3. STAFF.

5 or 105. Qualitative Analysis. I. 4 Hrs.

Chemistry 9 may either precede or accompany this course. Required of students whose major is chemistry, students in chemical engineering, candidates for the degree of Bachelor of Science in public health, and pharmacy students. Three three-hour laboratory periods, including recitations and special assignments. Prerequisite: Chemistry 1, 2, and 9; or Chemistry 3 and 4. Mr. HILL and Mr. LAZZELL.

6 or 106. Quantitative Analysis. II. 4 or 5 Hrs.

Chemistry 5 should precede this course wherever possible. Required of students whose major is chemistry, and of students in chemical engineering and mining engineering. Four or five three-hour laboratory periods. Prerequisite: Chemistry 1, 2, and 9, or 3 and 4. Mr. HILL and Mr. LAZZELL.

9. Inorganic Chemistry. I. 2 Hrs.

Required of students who have taken Chemistry 1 and 2, and who desire further work in chemistry. May precede or accompany such work. Mr. MORRIS.

10. Quantitative Analysis. I. 2 Hrs.

Primarily for engineering students. Two three-hour laboratory periods. Mr. GIBSON.

15 or 115. Quantitative Analysis. I, II. 3 Hrs.

For pre-medical students. Chemistry 9 may accompany this course. Three three-hour laboratory periods. Prerequisite: Chemistry 3 and 4, or 1, 2, and 9. Mr. HILL and Mr. LAZZELL.

31 or 131. Organic Chemistry. I. 4 Hrs.

For students in agriculture and home economics. Chemistry 9 may accompany this course. Prerequisite: Chemistry 4, or 2 and 9. Mr. DUSTMAN.

[1]Students entering with the idea of majoring in chemistry may take Chemistry 3 and 4 instead of Chemistry 1, 2, and 9.

36 or 136. Organic Chemistry. II. 6 Hrs.
Required of pre-medical and pharmacy students. Prerequisite for pre-medical students: Chemistry 15 and 63. Prerequisite for pharmacy students: Chemistry 6. Mr. GARLAND.

63 or 163. Physical Chemistry. I. 3 Hrs.
Required of pre-medical students and candidates for the degree of Bachelor of Science in public health. Chemistry 9 may accompany this course. Two recitation periods and one three-hour laboratory period. Prerequisite: Chemistry 4, or Chemistry 2 and 9.
Mr. DAVIES.

Upper Division

107. Quantitative Analysis. I, II. 2 Hrs.
Continuation of Chemistry 15 and 115.
Mr. HILL and Mr. LAZZELL.

141. Assigned Topics. I. 2 to 5 Hrs.
Open by special permission to undergraduates who have already completed 36 hours of chemistry. An introduction to research.
STAFF.

142. Assigned Topics. II. 2 to 5 Hrs.
Prerequisite: Chemistry 141. STAFF.

208. Quantitative Analysis. I. 4 Hrs.
Four three-hour laboratory periods. Prerequisite: Chemistry 6, Physics 3 and 4, and Mathematics 5. Mr. JACOBSON.

211. Synthetic Inorganic Chemistry. I. 3 Hrs.
Seniors by permission. One lecture and two three-hour laboratory periods. Mr. MORRIS.

214. Organic Qualitative Analysis. I. 3 Hrs.
Three three-hour laboratory periods. Prerequisite: Chemistry 238. Mr. JACOBSON.

217. Organic Quantitative Analysis. II. 3 Hrs.
Three three-hour laboratory periods. Prerequisite: Chemistry 238. Mr. JACOBSON.

218. Dairy Chemistry. I. 3 Hrs.
For students in the College of Agriculture. Prerequisite: for undergraduates, Chemistry 31; for graduates, Chemistry 6 or 15, or Chemistry 31 or 233. Mr. DUSTMAN.

222. Food Anaylsis. II. 3 Hrs.
Primarily for agriculture and home economics students. One lecture and two three-hour laboratory periods. Prerequisite: Chemistry 6 or 15, and Chemistry 31 or equivalent.
Mr. JACOBSON.

233. **Organic Chemistry.** I. 5 Hrs.
Required of students who major in chemistry, of students in chemical and mining engineering, and of candidates for the degree of Bachelor of Science in public health. Three lectures and two three-hour laboratory periods. Prerequisite: Chemistry 6.
Mr. CLARK and Mr. GARLAND.

238. **Organic Chemistry.** II. 4 or 5 Hrs.
Two lectures and three three-hour laboratory periods. Prerequisite: Chemistry 233. Mr. CLARK and Mr. GARLAND.

247. **Stereochemistry.** I. 2 Hrs.
Open to seniors. Prerequisite: Chemistry 238. Mrs. DEATRICK.

251. **Industrial Inorganic Chemistry.**[1] I. 3 Hrs. Mr. CLARK.

252. **Industrial Organic Chemistry.**[1] II. 3 Hrs. Mr. CLARK.

260. **Physical Chemistry.** I. 3 or 4 Hrs.
Required of chemistry majors and chemical engineering students, the latter for 3 hours' credit. Two recitations and one or two three-hour laboratory periods. Prerequisite: Chemistry 233, Physics 4, and Mathematics 5. Mr. COLLETT.

261. **Physical Chemistry.** II. 3 or 4 Hrs.
Required of chemical engineering students and chemistry majors. Two recitation and one or two three-hour laboratory periods. Prerequisite: Chemistry 260. Mr. COLLETT.

262. **The Chemistry of Colloids.** II. 4 Hrs.
Required of four year pre-medical students. Two lectures and two three-hour laboratory periods. Mr. DAVIES.

274. **History of Chemistry.** II. 2 Hrs.
Open to seniors. Prerequisite: Chemistry 6.
Mr. HILL and Mrs. DEATRICK.

277. **Synthetic Drugs.**[1] I, II. 2 Hrs. Mr. LAZZELL.

Graduate Division

339. **Dyes and Dye Intermediates.** I. 4 Hrs.
Prerequisite: Chem. 343, unless by special permission.
Mr. CLARK.

340. **Dyes and Dye Intermediates.** II. 4 Hrs.
Prerequisite: Chem. 339. Mr. CLARK.

343. **Advanced Organic Chemistry.** I. 4 Hrs.
Prerequisite: Chem. 238 or equivalent. Mr. GARLAND.

345. **Theories of Organic Chemistry.** II. 2 Hrs.
Prerequisite: Chem. 343. Mr. GARLAND.

[1]For senior pharmacy students; other seniors only by consent.

346. Chemical Microscopy and Chemical Crystallography. I. 2 Hrs. Mr. JACOBSON.

367. Advanced Physical Chemistry. I or II. 4 Hrs.
Prerequisite: Chem. 261. Mr. DAVIES.

369. Kinetics of Chemical Reactions. I. 3 Hrs. Mr. BURKE.

370. Kinetics of Chemical Reactions. II. 3 Hrs.
A continuation of course 369. Mr. BURKE.

380. Electrochemistry. I, II. 3 Hrs.
Prerequisite: Chem. 238 and 261. Mr. COLLETT.

383. Advanced Quantitative Analysis. II. 3 Hrs.
Prerequisite: Chem. 5, 238, 261. Mr. HILL.

391. Journal Meeting and Seminar. I. 1 Hr.
Required of graduate students working for graduate degrees with major in chemistry. Recommended as a minor for students from other departments. STAFF.

392. Journal Meeting and Seminar. II. 1 Hr.
See Chemistry 391. STAFF.

393. Valence and Atomic Structure. I or II. 2 Hrs. Mr. GIBSON.

394. Advanced Inorganic Chemistry. I or II. 2 Hrs. Mr. PRAY.

395. Special Topics. I. 1 to 3 Hrs.
Chemistry of the carbohydrates, organic nitrogen compounds, actino chemistry, chemical kinetics, the phase rule, and study of chemical literature as preparation for research are suggested topics. STAFF.

396. Special Topics. II. 1 to 3 Hrs.
See Chemistry 395. STAFF.

397. Research. I. Credits to be arranged. STAFF.

398. Research. II. Credits to be arranged. STAFF.

CLASSICS

Professor TROTTER, Associate Professor BROUZAS.

LATIN

Lower Division

1. Elementary Latin. I. 5 Hrs.
An intensive course in the elements of the Latin language, consisting of the completion of a standard beginner's book and of a simple elementary reader. Mr. TROTTER.

2. Elementary Latin. II. 5 Hrs.
A continuation of Latin 1, consisting of the study of a standard second year book. Mr. TROTTER.

3. Caesar. I. 3 Hrs.
Selections from the Gallic Wars. Prerequisite: Latin 1 and 2, or equivalent. Mr. TROTTER.

4. **Cicero's Orations.** I. 3 Hrs.
Prerequisite: Latin 3, or 2 units of high school Latin.
Mr. TROTTER.

5. **Ovid's Metamorphoses.** I. 3 Hrs.
Prerequisite: Latin 3 and 4, or 3 units of high school Latin.
Mr. TROTTER.

6. **Vergil's Aeneid.** II. 3 Hrs.
Prerequisite: Latin 3 and 4, or 3 units of high school Latin.
Mr. TROTTER.

8. **Cicero's De Senectute, and De Amicitia.** II. 3 Hrs.
Prerequisite: Latin 4 and 6, or 4 units of high school Latin.
Mr. TROTTER.

14. **Roman Comedy.** I. 3 Hrs.
Plautus, Captivi or Menæchmi; Terence, Adelphœ or Andria. Prerequisite. Latin 4 and 6, or 4 units of high school Latin.
Mr. BROUZAS.

21. **Roman Prose Literature.** II. 3 Hrs.
Selections from the Letters of Cicero, Pliny, Marcus Aurelius, and Fronto. Prerequisite: Latin 4 and 6, or 4 units of high school Latin. Mr. BROUZAS.

22 or 122. **The Elegy and the Epigram.** I. 3 Hrs.
Selections from the elegiac poets and from Martial's epigrams. Prerequisite: Latin 14 and 21, or equivalent. Mr. BROUZAS.

†25. **Latin Composition.** II. 3 Hrs.
A review of the principles and syntax of the Latin language, and practice in writing simple Latin. Prerequisite: Latin 14 and 21, or equivalent. Mr. BROUZAS.

Upper Division

†123. **Livy.** II. 3 Hrs.
Selections from books 21 and 22. Prerequisite: Latin 14 and 21, or equivalent. Mr. TROTTER.

†124. **The Lyric Poets.** II. 3 Hrs.
Selections from Horace's Odes and Epodes and from Catullus and other poets of the silver Latin. Prerequisite: Latin 14 and 22, or equivalent. Mr. BROUZAS.

227. **Vulgar Latin.** I. 3 Hrs.
Selections of old Latin prose from Petronius, Apuleius, and from late and mediaeval Latin writers. Lectures by the instructor on the history of the Latin languages and the formation of the Romance languages, especially French. Prerequisite: Latin 14, 21, and 124, or equivalent. Mr. BROUZAS.

231. **Satire.** II. 3 Hrs.
Horace, Satires and Epistles; selections from Juvenal and Persius. Prerequisite: Latin 14, 21, and 22, or equivalent. Mr. BROUZAS.

†Omitted, 1932-33.

†234. **History.** I. 3 Hrs.
Tacitus, Agricola, or Annals; Suetonius, Life of Julius or Augustus. Sallust, Catiline. Prerequisite: Latin 21 and 123, or equivalent. Mr. BROUZAS.

†235. **Epic.** I. 3 Hrs.
Vergil's Aeneid and the later Epic. Prerequisite: Latin 22 and 124, or equivalent. Mr. BROUZAS.

†236. **Philosophy.** II. 3 Hrs.
Cicero's Tusculan Disputations and De Officiis; Seneca's Dialogues and Epistles. Prerequisite: Latin 21, 22, and 124, or equivalent. Mr. BROUZAS.

CLASSICAL CIVILIZATION[1]

Upper Division

†237. **Greek and Roman Religion and Mythology.** I. 3 Hrs.
A study of the Greek and Roman religious ideas and myths with particular emphasis on their influence upon the art and literature of the ancient and the modern world. Mr. BROUZAS.

†238. **Greek and Roman Archaeology and Art.** II. 3 Hrs.
A study of the Greek and Roman masterpieces with especial emphasis upon their influence upon mediæval and modern art. Mr. BROUZAS.

239. **Greek Life and Thought.** I. 3 Hrs.
A survey of Greek culture and thought as reflected in Greek literature. Mr. BROUZAS.

240. **Roman Life and Thought.** II. 3 Hrs.
Continuation of Greek 139, with attention devoted to the Roman writers and periods. Mr. BROUZAS.

GREEK

Lower Division

1 or 101. **Elementary Greek.** I. 3 Hrs.
A course in the elements of the Greek language. Mr. BROUZAS.

2 or 102. **Xenophon.** II. 3 Hrs.
Mr. BROUZAS.

HISTORY OF THE CLASSICS

Graduate Division

†381. **Seminar.** I. 3 Hrs.
Research course. Mr. BROUZAS.

†382. **Seminar.** II. 3 Hrs.
Research course. Mr. BROUZAS.

†Omitted 1932-33.

[1]These courses are offered as being of cultural value to all students. They present a picture of a cross-section of Greek and Roman society, life, manners, thought, literature, art, science, and law. The study of the influence of classical antiquity upon the subsequent periods prepares one for a better appreciation of modern civilization. Each course may be taken separately, if so desired. No prerequisites are required.

DAIRY HUSBANDRY[1]

(See pages 218 and 219.)

ECONOMICS, BUSINESS ADMINISTRATION, AND SOCIOLOGY

Professors HARRIS, VICKERS, and RUFENER; Assistant Professors SAPOSNEKOW and JOHNSON; and Instructor GAUGER.

ECONOMICS[2]

Lower Division

1. **Principles of Economics.** I, II. 3 Hrs.
   For sophomores. Designed to be followed by Economics 2. STAFF.

2. **Principles of Economics.** I, II. 3 Hrs.
   Continuation of Economics 1. STAFF.

21. **Economic Development.** I. 3 Hrs.
    With special reference to the United States. Mr. GAUGER.

22. **Economic Development.** II. 3 Hrs.
    With special reference to Europe. Mr. GAUGER.

Upper Division

101. **Principles of Economics.** I. 3 Hrs. STAFF.

102. **Principles of Economics.** II. 3 Hrs. STAFF.

103. **Principles of Economics.** I. 3 Hrs.
     For students in the College of Engineering. Mr. RUFENER.

110. **Money, Credit and Banking.** II. 2 Hrs.
     For students in the College of Engineering. Prerequisite: Economics 103. Mr. RUFENER.

111. **Money, Credit and Banking.** I, II. 3 Hrs. Mr. VICKERS.

112. **Public Finance.** II. 4 Hrs. Mr. VICKERS.

113. **Business Organization.** I, II. 3 Hrs. Mr. RUFENER.

114. **Business Finance.** II. 3 Hrs.
     Prerequisite: Economics 111 and 113. Mr. RUFENER.

131. **Statistics.** I. 3 Hrs. Mr. JOHNSON.

[1]Dairy Husbandry 218 is a regular elective in the College of Arts and Sciences. Dairy Husbandry 101 is included in the 15 hours of agriculture which may be elected by students in the College of Arts and Sciences.

[2]Economics 1 and 2 are prerequisites for all upper division courses in economics except Economics 103 and 110. Students from the College of Agriculture may substitute Farm Economics 12 for Economics 2.

133. **Principles of Life Insurance.** I. 3 Hrs.

134. **Principles of Property Insurance.** II. 3 Hrs.
Prerequisite: Economics 133.

140. **Labor Problems.** II. 3 Hrs. Mr. VICKERS.

141. **Railroad Transportation.** I. 3 Hrs. Mr. RUFENER.

144. **Economics of Public Utilities.** II. 3 Hrs. Mr. RUFENER.

215. **Investment and Speculation.** I. 3 Hrs.
Prerequisite: Economics 114. Mr. RUFENER.

251. **History of Economic Doctrines.** I. 3 Hrs. Mr. VICKERS.

259. **Distribution of Wealth.** II. 2 Hrs.

263. **Tax Systems, National and State.** I. 3 Hrs.
Prerequisite: at least three advanced courses in economics, including Economics 112.

265. **Central Banking Systems and Related Problems.** I. 3 Hrs.
Prerequisite: at least three advanced courses in economics, including Economics 111. Mr. VICKERS.

266. **Central Banking Systems and Related Problems.** II. 3 Hrs.
Continuation of Economics 265. Mr. VICKERS.

Graduate Division

381. **Research in Topics Connected with Money and Banking.** I. 3 Hrs. Mr. VICKERS.

382. **Research in Topics Connected with Money and Banking.** II. 3 Hrs. Mr. VICKERS.

383. **Research in Topics Connected with Government Regulation.** I. 3 Hrs. Mr. RUFENER.

384. **Research in Topics Connected with Government Regulation.** II. 3 Hrs. Mr. RUFENER.

BUSINESS ADMINISTRATION

Upper Division

101. **Principles of Accounting.** I. 3 Hrs. Mr. JOHNSON.

102. **Principles of Accounting.** II. 3 Hrs.
Continuation of Business 101. Mr. JOHNSON.

103. **Industrial Accounting.** II. 3 Hrs.
Prerequisite: Business 102, or equivalent. Mr. JOHNSON.

105. **Advanced Accounting.** I. 3 Hrs.
Prerequisite: Business 102, or equivalent. Mr. JOHNSON.

106. **Advanced Accounting.** II. 3 Hrs.
Prerequisite: Business 102, or equivalent. Mr. JOHNSON.

107. **Auditing.** I. 3 Hrs.
Prerequisite: Business 102, or equivalent. Mr. JOHNSON.

112. **Income Tax Procedure.** II. 3 Hrs.
Prerequisite: Economics 1 and 2. Mr. JOHNSON.

117. **Business Statistics Cases.** II. 3 Hrs.
Prerequisite: Economics 1 and 2. Mr. JOHNSON.

121. **Marketing.** I. 3 Hrs.
Prerequisite: Economics 1 and 2.

122. **Marketing.** II. 3 Hrs.
Continuation of Business 121.

125. **Advertising.** II. 3 Hrs.
Prerequisite: Business 121.

126. **Retail Store Management.** I. 3 Hrs.
Prerequisite: Business 121.

127. **Foreign Trade Methods.** II. 3 Hrs.
Prerequisite: Business 121.

131. **Business Management.** I. 3 Hrs.
Prerequisite: Economics 1 and 2.

141. **Business Law.** I. 3 Hrs.
Not open to students preparing for a law degree.

148. **Sales Management.** II. 3 Hrs.
Prerequisite: Business 121.

SOCIOLOGY[1]

Lower Division

1. **Introduction to Sociology.** I, II. 3 Hrs.
For sophomores. Mr. HARRIS and Mr. SAPOSNEKOW.

2. **Rural Sociology.** II. 3 Hrs.
For sophomores. Prerequisite: Sociology 1. Mr. HARRIS.

[1]Students in other departments should follow the sequence of courses outlined on page 141.

Upper Division

101. **Introduction to Sociology.** I, II. 3 Hrs.
Mr. HARRIS and Mr. SAPOSNEKOW.

105. **Urban Sociology.** I, II. 3 Hrs.
Prerequisite: Sociology 1 or 101. Mr. SAPOSNEKOW.

106. **Social Pathology.** II. 3 Hrs.
Prerequisite: Sociology 1 or 101. Mr. SAPOSNEKOW.

108. **Problems of Child Welfare.** II. 2 Hrs.
Prerequisite: Sociology 1 or 101. Mr. HARRIS.

161. **Introduction to Social Work.** I. 3 Hrs.
Prerequisite: 6 hours of sociology, or experience in social work.
Mr. HARRIS.

210. **The Family.** II. 3 Hrs.
Prerequisite: 3 hours of sociology or 6 hours of economics.
Mr. HARRIS.

231. **Race Problems.** I. 3 Hrs.
Prerequisite: 3 hours of sociology. Mr. HARRIS.

232. **Immigration.** II. 3 Hrs. Mr. SAPOSNEKOW.

233. **Criminology.** I. 3 Hrs.
Prerequisite: 5 hours of sociology, or 3 hours of sociology and 3 hours of psychology. Mr. SAPOSNEKOW.

240. **Social Control.** II. 3 Hrs.
Prerequisite: two courses in sociology. Mr. HARRIS.

241. **Community Organization.** I. 3 Hrs.
Prerequisite: 6 hours of sociology. Mr. HARRIS.

243. **Social Origins.** I. 3 Hrs.
Prerequisite: 3 hours of sociology, and 3 hours of history or economics. Mr. SAPOSNEKOW.

246. **History of Social Thought.** II. 3 Hrs. Mr. SAPOSNEKOW.

Graduate Division

347. **Seminar in the Current Literature of Sociology.** I. 2 to 4 Hrs.
Mr. SAPOSNEKOW.

348. **Seminar in Principles and Methods of Research in Sociology.** II. 2 to 4 Hrs. Mr. HARRIS.

350. **Special Problems in Sociological Research.** I or II. 2 to 4 Hrs.
Mr. HARRIS and Mr. SAPOSNEKOW.

EDUCATION[1]

(See pages 272 to 278.)

ELECTRICAL ENGINEERING[2]

(See pages 283 to 285.)

ENGINEERING AND MECHANIC ARTS[2]

(See pages 278 to 290.)

ENGINEERING OF MINES[2]

(See pages 299 and 300)

ENGLISH LANGUAGE AND LITERATURE

Professors JOHNSON, ARMSTRONG, COX, and DRAPER; Associate Professors CHAPPELL and SMITH; Assistant Professor CROCKER; and Instructors LYTLE, REED, SAYRE, PETTIGREW, PAGE, HOWARD, BISHOP, and HETHERINGTON.

Lower Division

1C. **English Composition.** I, II. 3 Hrs.
Required of all students who are inadequately prepared for English 1. Mr. JOHNSON and STAFF.

1. **Composition and Rhetoric.** I, II. 3 Hrs.
Primarily for freshmen. English 1 and 2 are required of all candidates for the bachelor's degree in all colleges.
Mr. JOHNSON and STAFF.

2. **Composition and Rhetoric.** I, II. 3 Hrs.
Continuation of English 1. Mr. JOHNSON and STAFF.

3. **English Literature.** I, II. 3 Hrs.
Primarily for sophomores. Mr. SMITH and STAFF.

4. **English Literature.** I, II. 3 Hrs.
Continuation of English 3. Mr. SMITH and STAFF.

[1]Electives amounting to not more than 20 hours, selected from courses offered in the College of Education, may be offered toward the A. B. degree in the College of Arts and Sciences.

[2]Electives amounting to not more than 15 hours, selected from the following courses offered in the College of Engineering and School of Mines, may be offered for credit toward the A. B. degree in the College of Arts and Sciences; Chemical Engineering 205, 206, 220, and 221; Civil Engineering 1, 2, 3, 10, and 115; Electrical Engineering 100, 101, 102, 103. 200, 201, 202, 203, 205, and 206; Industrial Education 101, 103, and 105; Mechanical Engineering 20, 22, 23, 24, 26, 29, 207, 221, 222, and 226; Mechanics 101, 102, and 104; and Mining Engineering 106 and 203. In addition to the above, the student may elect with the consent of his adviser, when his major is physics, Mechanical Engineering 1 to 14 and 101 to 107 (10 Hrs.).

13. Expository Writing. I, II. 2 Hrs. Mr. JOHNSON and STAFF.

14. Descriptive and Narrative Writing. I, II. 2 Hrs.
Prerequisite: either English 13, or a mark of at least B in English 2. Mrs. REED.

†29. The English Language. II. 3 Hrs. Mr. JOHNSON.

65. American Literature. I, II. 3 Hrs.
Mr. SMITH and Mr. HETHERINGTON.

Upper Division[1]

113. Advanced Composition: Types and Problems of Logical Composition. I. 2 Hrs. Mr. JOHNSON.

115. Advanced Composition: Creative Writing. II. 3 Hrs.
Mrs. REED and Miss LYTLE.

142. Shakespeare. I, II. 3 Hrs.
Prerequisite: English 3 or 4. Mr. ARMSTRONG and Mr. SMITH.

153. The Poetry of Robert Browning. II. 3 Hrs. Mr. ARMSTRONG.

160. Contemporary Literature: Poetry. I. 2 Hrs. Mr. SMITH.

161. Contemporary Literature: Prose. II. 2 Hrs. Mr. SMITH.

166. American Fiction. II. 3 Hrs.
Prerequisite: a general course in American literature or consent of the instructor. Mr. ARMSTRONG.

167. Rise of American Romanticism. I. 3 Hrs.
Prerequisite: as for English 166. Mr. HETHERINGTON.

175. The Short Story. I. 2 Hrs. Mr. ARMSTRONG.

181. Bible Literature: The English Old Testament. I. 3 Hrs.
Mr. ARMSTRONG.

182. Bible Literature: The English New Testament. II. 2 Hrs.
Mr. ARMSTRONG.

185. Masterpieces of World Literature. I. 2 Hrs. Mr. CROCKER.

186. English for Engineers. II. 1 Hr. Mr. JOHNSON.

230. The English Language. I, II. 3 Hrs.
Mr. COX or Mr. CHAPPELL.

†Omitted, 1932-33.

[1]Credit for at least 9 hours of lower division English is prerequisite to admission to any of the upper division courses except English 186. Credit for English 1, 2, and 3, and for at least 3 hours of upper division English, is prerequisite for admission to courses 230 to 279, inclusive, except where otherwise indicated in the course announcement.

231. Old English. I. 3 Hrs. Mr. CHAPPELL.

232. Beowulf. II. 3 Hrs. Mr. CHAPPELL.

233. Early Middle English. II. 3 Hrs. Mr. CHAPPELL.

234. Chaucer. II. 3 Hrs. Mr. COX.

235. Shakespeare. I. 3 Hrs. Mr. DRAPER.

†239. Early English Drama. I. 3 Hrs. Mr. CROCKER.

†240. English Drama From 1600 to 1642. II. 3 Hrs. Mr. CROCKER.

†241. Literature of the Sixteenth Century. I. 3 Hrs. Mr. CHAPPELL.

242. Tudor Prose: The English Humanists. II. 2 Hrs. Mr. CROCKER.

243. Restoration and Eighteenth Century Drama. I. 3 Hrs. Mr. CROCKER.

244. Restoration and Eighteenth Century Drama. II. 3 Hrs. Mr. CROCKER.

†245. Literature of the Seventeenth Century: Jacobean and Caroline Literature. I. 3 Hrs. Mr. DRAPER.

†246. Literature of the Seventeenth Century: The Restoration Period. II. 3 Hrs. Mr. DRAPER.

247. Literature of the Eighteenth Century. I. 3 Hrs. Mr. DRAPER.

248. Literature of the Eighteenth Century. II. 3 Hrs. Mr. DRAPER.

249. The Romantic Movement. I. 2 Hrs.
Prerequisite: English 1, 2, 3, and 4. Mr. ARMSTRONG.

250. The Romantic Movement. II. 2 Hrs.
Prerequisite: English 1, 2, 3, and 4. Mr. ARMSTRONG.

†251. Victorian Literature. I. 2 Hrs. Mr. ARMSTRONG.

†252. Victorian Literature. II. 2 Hrs. Mr. ARMSTRONG.

255. Tennyson. I. 2 Hrs. Mr. COX.

258. Rudyard Kipling. II. 2 Hrs. Mr. COX.

261. Aspects of the Drama. II. 2 Hrs. Mr. CROCKER.

262. Modern Drama. I. 3 Hrs. Mr. CROCKER.

†Omitted, 1932-33.

†263. **Study of One Author.** I. 2 Hrs.
The entire production or the most important work of some selected author is studied to gain a complete view. The author chosen for 1933-34 is Wordsworth. Mr. ARMSTRONG.

267. **American Drama.** I. 2 Hrs.
Prerequisite: English 65 or equivalent. Mr. SMITH.

†269. **Emerson and Transcendentalism.** II. 2 Hrs.
Prerequisite: English 65 or equivalent. Mr. SMITH.

270. **Poe and Lanier.** II. 2 Hrs.
Prerequisite: English 65 or equivalent. Mr. SMITH.

272. **Popular Literature.** I. 3 Hrs.
A study of the ballad and other forms of popular literature found in West Virginia. Students should consult the instructor before registering for this course. Mr. COX.

273. **Poetry.** II. 2 Hrs. Mr. CROCKER.

274. **Types of Poetry: Narrative.** II. 2 Hrs. Mr. DRAPER.

275. **Types of Poetry: Lyric.** I. 2 Hrs. Mr. DRAPER.

276. **The English Novel.** I. 3 Hrs. Mr. JOHNSON.

277. **The Essay.** II. 3 Hrs. Mr. JOHNSON.

†279. **English Satire and Humor.** II. 3 Hrs. Mr. JOHNSON.

Graduate Division

321. **Studies in Advanced Rhetoric.** II. 2 Hrs. Mr. JOHNSON.

324. **Literary Criticism.** I. 3 Hrs. Mr. JOHNSON.

333. **Medieval Metrical Romances.** II. 3 Hrs.
a survey study, from beginnings to about 1500, with emphasis on the Middle English romances. Mr. CHAPPELL.

372. **Seminar in Popular Literature.** I. 2 Hrs. Mr. CHAPPELL.

391. **Introduction to Literary Research.** I. 2 or 3 Hrs. Mr. DRAPER.

393. **Seminar.** II. 3 Hrs.
The subject will vary according to the needs of the group taking the seminar. Prerequisite: an adequate training in English literature and especially in the field in which the seminar is given.
Mr. DRAPER.

395. **Thesis.** I, II. 2 to 4 Hrs. in all.

†Omitted, 1932-33.

ENTOMOLOGY[1]

(See page 220.)

FARM ECONOMICS[2]

(See pages 221 and 222.)

GENETICS[1]

(See pages 216 and 217)

GEOLOGY, MINERALOGY, AND GEOGRAPHY[3]

Professor GALPIN; Assistant Professors MARTENS and FRIDLEY; and Instructors PRICE and WELLS.

Lower Division

1. Physiography. I, II. 4 Hrs.
An introduction to the surface features of the earth. Three recitations, and one three-hour laboratory period. Mr. FRIDLEY.

2. Minerals and Rocks. I, II. 4 Hrs.
Three recitations, and one two-hour laboratory period. Mr. MARTENS.

3. Historical Geology. I, II. 3 or 4 Hrs.
Three recitations, and one two-hour laboratory period. Prerequisite: Geology 1. Mr. WELLS.

4. Geology for Students of Agriculture. I. 3 Hrs. Mr. FRIDLEY.

5 or 105. Geology for Students in Engineering. I, II. 3 Hrs.
Mr. GALPIN or Mr. MARTENS.

9. Geologic and Geographic Influences. I, II. 2 Hrs.
Prerequisite: Geology 1. Mr. FRIDLEY.

11 or 111. Economic Geology. I, II. 3 or 4 Hrs.
An introduction to our useful minerals and rocks. Three recitations and one three-hour laboratory period. Prerequisite: Geology 1 or Geology 2. Mr. GALPIN.

Upper Division

102. General Geology. I, II. 3 or 4 Hrs.
A study of the causes, processes, and results of change on and in the earth. Three recitations, and one three-hour laboratory period. Prerequisite: one year of chemistry. STAFF.

†Omitted, 1932-33.
[1]Regular elective for Arts and Science students.
[2]Farm Economics 12 may be included by Arts and Science students in the 15 hours of agricultural electives.
[3]For a suggested sequence of courses in this field, see page 144.

103. Historical Geology. I, II. 4 Hrs.
Similar to Geology 3 but more advanced. Three recitations and one three-hour laboratory period. Prerequisite: Geology 1 or Geology 102. Mr. WELLS.

108. Geology of West Virginia. II. 2 or 3 Hrs.
Primarily for students in the College of Education. Two recitations, with or without one three-hour laboratory period. Prerequisite: Geology 1. Mr. PRICE.

116. Geography of North America. I. 2 Hrs.
Primarily for students in education. Prerequisite: Geology 9. Mr. FRIDLEY.

161. Field Geology. I. 3 Hrs.
One recitation and two laboratory or field periods. Prerequisite: Geology 103 or equivalent. Mr. PRICE.

162. Field Geology. II. 3 Hrs.
Continuation of Geology 161. Mr. GALPIN.

163s. Field Geology. S. 5 Hrs.
Summer field work away from the University. Prerequisite: Geology 103.

204. Paleontology. II. 4 Hrs.
Invertebrate, vertebrate, and plant fossils, and their use in correlating strata. One recitation and three two-hour laboratory periods. Prerequisite: Geology 3 or 103. Mr. WELLS.

205. Structural Geology. II. 3 or 4 Hrs.
A study of shapes and positions of rock masses in the earth, and origin of these features and their bearing upon recovery of oil and other mineral products. Three recitations and one three-hour laboratory period. Prerequisite: Geology 103. Mr. PRICE.

206. Sedimentation. I. 4 Hrs.
Studies in the origin of sedimentary rocks. Three recitations and one three-hour laboratory period. Prerequisite: Geology 3 or 103. Mr. PRICE.

208. Advanced Physiography. II. 3 Hrs.
Includes a study of the surface features of the United States. One recitation and two three-hour laboratory periods. Prerequisite: Geology 103. Mr. FRIDLEY.

211. Economic Geology: The Mineral Fuels. II. 3 or 4 Hrs.
Three recitations and one laboratory period. Prerequisite: Geology 103 and Chemistry 106. Mr. GALPIN.

266s. Field Geology. S. 5 Hrs.
Continuation of Geology 163s.

273s. Geological Survey. 1 to 4 Hrs.
Field work in connection with State Geological Survey. Mr. PRICE.

285. Crystallography and Optical Mineralogy. I. 4 Hrs.
An introduction to the use of the polarizing microscope. Two recitations and two two-hour laboratory periods. Prerequisite: Chemistry 2, Physics 4, or equivalent. Mr. MARTENS.

287. Microscopic Petrography. II. 4 or 5 Hrs.
Two recitations and two or three two-hour laboratory periods. Prerequisite: Geology 285. Mr. MARTENS.

289. Geologic Problems. I, II. 2 to 4 Hrs.
Consult instructor before registering. STAFF.

290. Geologic Problems. I, II. 2 to 4 Hrs.
Similar to Geology 289. STAFF.

291, 292. Seminar. I, II. 1 Hr.
Prerequisite: Geology 204. Mr. PRICE.

Graduate Division

351, 352, 353, 354, 355, 356. Problems and Research. I, II. 6 Hrs.
Each student selects or is given a problem upon which he works independently. Credit is based upon progress, method and results. Consult department head before registering. STAFF.

GERMANIC LANGUAGES AND LITERATURES[1]

Professor PORTERFIELD; Assistant Professor WADEPUHL; and Instructor ROESCH.

Lower Division

1. Elementary German. I, II. 3 Hrs.
Pronunciation, syntax, reading, composition.
Mr. PORTERFIELD and Miss ROESCH.

2. Elementary German. I, II. 3 Hrs.
Continuation of course 1.
Mr. PORTERFIELD, Mr. WADEPUHL, and Miss ROESCH.

3. Intermediate German. I. 3 Hrs.
Rapid reading of prose by modern authors, memorizing of poems, dictation, composition. Mr. PORTERFIELD and Mr. WADEPUHL.

4. Intermediate German. II. 3 Hrs.
Continuation of German 3. Mr. PORTERFIELD and Mr. WADEPUHL.

[1]German 1, 2, 3, and 4 each is prerequisite to the next following, and the four combined are prerequisite to all other courses with the exception of German 111, 112, 121, and 122, for which German 1 and 2 are prerequisite.

Upper Division

†105. **Classical German.** I. 3 Hrs.
Critical study of selected works of Wieland, Lessing, Gœthe, and Schiller. Mr. PORTERFIELD.

†106. **Classical German.** II. 3 Hrs.
Continuation of German 105. Mr. PORTERFIELD.

†107. **Nineteenth Century Drama.** I. 3 Hrs.
Critical study of selected dramas by Kleist, Grillparzer, Hebbel, Ludwig. Mr. PORTERFIELD.

†108. **Nineteenth Century Drama.** II. 3 Hrs.
Continuation of German 107. Mr. PORTERFIELD.

†109. **Modern German.** I. 3 Hrs.
Appreciative study of representative novels and dramas by Hermann Sudermann. Mr. PORTERFIELD.

†110. **Modern German.** II. 3 Hrs.
Appreciative study of representative novels and dramas by Gerhart Hauptmann. Mr. PORTERFIELD.

111. **Spoken German.** I. 3 Hrs.
Practice in the speaking and writing of German. Prerequisite: German 1 and 2, or equivalent. Miss ROESCH.

112. **Spoken German.** II. 3 Hrs.
Continuation of German 11. Miss ROESCH.

121. **Scientific German.** I. 3 Hrs.
Intended primarily for students in science courses. Prerequisite: one year of college German, or equivalent of high school German. Mr. WADEPUHL.

122. **Scientific German.** II. 3 Hrs.
Continuation of German 121. Mr. WADEPUHL.

†221. **Gothic.** I. 2 Hrs.
Streitberg's *Gotisches Elementarbuch* (1920) and Wright's *Grammar of the Gothic Language* (1930), phonology, declensions, conjugations and syntax will be studied as if Gothic were a living language. Prerequisite: same as for German 311. Mr. PORTERFIELD.

†222. **Gothic.** II. 2 Hrs.
Philological study of texts, relation of Gothic vowel and consonant system to Primitive Germanic, Icelandic, Old High German and Anglo-Saxon, comparison of *Skeireins* with Wulfila's translations, deciphering of *Codex Argenteus* (photograph), origin of Gothic alphabet. Prerequisite: same as for German 221, and including German 221. Mr. PORTERFIELD.

231. **Written German.** I. 3 Hrs.
Advanced syntax and composition. Required work for all students majoring in German. Mr. WADEPUHL.

232. **Written German.** II. 3 Hrs.
Continuation of German 231. Mr. WADEPUHL.

†Omitted, 1932-33.

241. **Faust, Part I.** I. 3 Hrs.
Open to qualified undergraduates. Mr. PORTERFIELD.

242. **Faust, Part II.** II. 3 Hrs.
Prerequisite: German 241. Mr. PORTERFIELD.

245. **History of German Literature, 1796-1870.** I. 3 Hrs.
Mr. PORTERFIELD.

246. **History of German Literature, 1870-1914.** II. 3 Hrs.
Continuation of German 245. Mr. PORTERFIELD.

†251. **History of German Language.** I. 3 Hrs.
Open to qualified undergraduates. Required of all majors who are planning to teach German. Mr. PORTERFIELD.

†252. **History of German Language.** II. 3 Hrs.
Continuation of German 251. Mr. PORTERFIELD.

Graduate Division

†311. **Middle High German.** I. 3 Hrs.
Intensive study of *Der Nibelunge Not* (Bartsch), first six weeks devoted to *Lautlehre, Formenlehre* and *Syntax* (V. Michels: *Mittlehochdeutsches Elementarbuch*), second six weeks to philological study of test. Prerequisite: 18 hours of German from the lower division, German 251, 252, and English 231 and 232.
Mr. PORTERFIELD.

†312. **Middle High German.** II. 3 Hrs.
Intensive study of *Walther von der Vogelwide* (Paul), study of lyrics with reference to their *Kultergeschichtlicher* background. Prerequisite: same as for German 311, and including German 311.
Mr. PORTERFIELD.

HISTORY

Professors AMBLER, CALLAHAN, CHITWOOD, and SHORTRIDGE; Associate Professor BARNHART; and Instructors DIXON, SHANKS, and ENNIS.

Lower Division[1]

4. **Modern Europe.** I, II. 3 Hrs.
For freshmen. First semester ends at 1815.
Mrs. SHANKS and Mr. ENNIS.

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†Omitted, 1932-33.

[1]All first and second year courses are offered as lower division "year courses." These courses run through the year, but in no case is the first half year a prerequisite for the second half. For example, History 4 is not a prerequisite for History 5. History 4 and 5 make up the introductory first year in history, but freshmen who have high school credit for European history may, and those who expect to major in English or to enter the law school should, take English history, History 27 and 28. These courses are also prerequisite for advanced work in English history. History 52 and 53 are primarily for sophomores and are not open to freshmen. A freshman should not take more than one "year course" at a time, and a sophomore may take two "year courses" only by permission of the adviser and the Department of History.

5. **Modern Europe.** II. 3 Hrs.
Continuation of History 4. Mrs. SHANKS and Mr. ENNIS.

27. **History of England.** I, II. 3 Hrs.
For freshmen and sophomores. Miss DIXON and Mrs. SHANKS.

28. **History of England.** II. 3 Hrs.
Continuation of History 27. Miss DIXON and Mrs. SHANKS.

52. **History of the United States.** I, II. 3 Hrs.
For sophomores. First semester ends at 1840.
Mr. CHITWOOD and Mr. BARNHART.

53. **History of the United States.** II. 3 Hrs.
Continuation of History 52. Mr. CHITWOOD and Mr. BARNHART.

Upper Division[1]

101. **Ancient History.** I. 3 Hrs. Mr. ENNIS.

104. **Modern Europe.** I, II. 3 Hrs.
For those who have not had History 4 and 5, or equivalent, and who do not major in history. Mrs. SHANKS and Mr. ENNIS.

105. **Modern Europe.** I, II. 3 Hrs.
Continuation of History 104. Mrs. SHANKS and Mr. ENNIS.

106. **Medieval Europe.** I. 3 Hrs.
Prerequisite: one college course in European history. Mr. ENNIS.

107. **The French Revolution.** I. 3 Hrs. Mrs. SHANKS.

108. **The Napoleonic Era.** II. 3 Hrs.
Prerequisite: one college course in European history.
Mrs. SHANKS.

114. **The Renaissance and the Reformation.** II. 3 Hrs.
Prerequisite: History 4 and 5, or equivalent. Mr. ENNIS.

131. **The British Empire.** I. 3 Hrs.
Prerequisite: a general course in history. Miss DIXON.

133. **English Constitutional Development.** I. 3 Hrs.
For those who have had History 27 and 28, or equivalent.
Mr. SHORTRIDGE.

134. **English Constitutional Development.** II. 3 Hrs.
Continuation of History 133. Mr. SHORTRIDGE.

[1]Courses for juniors and seniors are in the upper division. In this division juniors should take only courses numbered between 100 and 199. These courses should be selected with reference to major subjects. The following, in the order named, are suggested: first semester, History 149, 151, 131, 133, 106, 107, 154, 101, and 175; second semester, History 150, 151, 134, 108, and 135. All courses should be selected after consultation with advisers and the Department of History.

135. British Reform Movements. II. 3 Hrs. Miss DIXON.

149. Western Virginia to 1860. I. 3 Hrs. Mr. AMBLER.

150. History of West Virginia. II. 3 Hrs. Mr. AMBLER.

151. American Colonial History. I, II. 3 Hrs. Mr. CHITWOOD.

154. Development of the West. I. 3 Hrs.
Prerequisite: courses in American history. Mr. BARNHART

161. History of Latin-America. 3 Hrs.

164. Problems of the Pacific. II. 3 Hrs. Mr. ENNIS.

175. History of American Political Parties. I. 3 Hrs.
Prerequisite: History 52 and 53, or equivalent. Mr. BARNHART.

232. History of Canada. II. 3 Hrs. Mr. SHORTRIDGE.

255. American Constitutional Development. I. 3 Hrs.
Prerequisite: History 52 and 53, or equivalent. Mr. CALLAHAN.

257. The Slavery Controversy in the United States. I, II. 3 Hrs.
Primarily for history and social science majors. Mr. AMBLER.

258. Reconstruction and National Development, 1865-1898. I , II. 3 Hrs.
Primarily for history and social science majors, but open to others with basic courses in American history. Mr. AMBLER.

259. Recent American History. II. 3 Hrs.
For history and social science majors, but open to others with basic courses in American history. Mr. AMBLER.

260. American Foreign Policy and Diplomacy, 1776-1861. I. 3 Hrs.
Prerequisite: History 52 and 53, or equivalent. Mr. CALLAHAN.

261. American Foreign Policy and Diplomacy, 1861-1931. II. 3 Hrs.
Prerequisite: Same as for History 260. Mr. CALLAHAN.

266. The New South. II. 3 Hrs.
Primarily for history and social science majors. Mr. BARNHART.

276. Introduction to Historical Method and Bibliography. I, II. 3 Hrs.
This course in prescribed in the fourth year for all history majors.
Mr. AMBLER and Mr. BARNHART.

Tutorial Courses[1]

184. Tutorial Instruction: English History. I. 3 Hrs. Miss DIXON.

185. Tutorial Instruction: English History. II. 3 Hrs. Miss DIXON.

[1]These courses are designed for history majors. The work is conducted by individual conferences between student and instructor, based upon thorough reading and investigation in selected topics within his field of interest as well as in related subjects that the student has been unable to cover in his course work.

188. Tutorial Instruction: Revolutionary Europe, 1763-1815. I. 3 Hrs.
Mrs. SHANKS.

189. Tutorial Instruction: Revolutionary Europe, 1763-1815. II. 3 Hrs.
Mrs. SHANKS.

280. Tutorial Instruction: American History. I. 3 Hrs.
Mr. BARNHART.

281. Tutorial Instruction: American History. II. 3 Hrs.
Mr. BARNHART.

Graduate Division

318. Seminar: Causes of the World War. II. 3 Hrs.
Mr. CHITWOOD.

349. Selected Problems in Local and Regional History. I. 3 Hrs.
Mr. AMBLER.

350. Selected Problems in Local and Regional History. II. 3 Hrs.
Mr. AMBLER.

363. Anglo-American Diplomatic Relations. I. 3 Hrs.
Mr. CALLAHAN.

364. American Policy in Latin American Relations. II. 3 Hrs.
Mr. CALLAHAN.

370. Seminar: Research in American History. I, II. 2 Hrs.
Mr. CALLAHAN.

371. Problems in Recent European History. II. 3 Hrs.
Mr. CHITWOOD.

381. Colonial Institutions. I. 3 Hrs. Mr. CHITWOOD.

HOME ECONOMICS

(See pages 222 to 225.)

HORTICULTURE[1]

(See pages 225 and 226.)

INTERNATIONAL LAW

(See Political Science)

INTERNATIONAL RELATIONS

(See History and Political Science)

[1]Horticulture 101 and 102 may be included by Arts and Science students in the 15 hours of agricultural electives.

JOURNALISM

Professor REED and Instructor RINEHART.

Lower Division

1. **Newspaper Reporting.**[1] I, II. 3 Hrs.
Two lectures and three laboratory hours. Students are required to know how to use a typewriter, or to acquire such knowledge during the first half of the semester. Prerequisite: English 1 and 2, with a final mark of B or higher in each.
Mr. REED and Mr. RINEHART.

2. **Newspaper Reporting.** I, II. 3 Hrs.
Two lectures and three laboratory hours. Continuation of Journalism 1, which is prerequisite. Mr. REED and Mr. RINEHART.

Upper Division

103. **Copy Editing.** I. 3 Hrs.
Three three-hour laboratory periods. Prerequisite: Journalism 1 and 2, or consent of instructor. Mr. RINEHART.

104. **Copy Editing.** II. 3 Hrs.
Three three-hour laboratory periods. Prerequisite: Journalism 103, or consent of instructor. Mr. RINEHART.

108. **The Community Newspaper.** II. 2 Hrs.
Prerequisite: Journalism 1 and 2, or consent of instructor.
Mr. RINEHART.

113. **Newspaper Advertising.** II. 3 Hrs. Mr. RINEHART.

115. **Teaching Journalistic Writing.** II. 2 Hrs. Mr. REED.

†125. **Newspaper Management.** II. 2 Hrs.
Prerequisite: Journalism 1, 2, 103, and 104, or consent of instructor. Mr. RINEHART.

127. **History of American Journalism.** II. 3 Hrs. Mr. REED.

128. **Advanced Reporting and Law of the Press.** I. 3 Hrs.
For seniors in journalism. Mr. ENNIS.

220. **Feature Writing.** I. 3 Hrs.
For seniors and graduates. Mr. REED.

221. **Journalistic Critical Writing.** II. 2 Hrs.
For seniors and graduates. Mr. REED.

†Omitted, 1932-33.
[1]Students receiving a mark below B in Journalism 1 are advised not to continue work in this department.

230. **Editorial Writing.** I. 3 Hrs.
For seniors and graduates. Mr. REED.

†231. **Journalism Ethics.** II. 3 Hrs.
For seniors and graduates. Mr. REED.

LAW[1]

(See pages 132 and 291 to 293.)

LIBRARY METHODS

Librarian ARNETT and Mrs. HITE.

Lower Division

1. **Library Methods.** I. 2 Hrs.
An introductory course for the purpose of acquainting students with the University Library and the practice of library methods; instruction in the use of catalogues, indexes, and general reference books, and in the selection and purchase of books.

2. **Library Methods.** II. 2 Hrs.
Theory and practice of library methods, including elementary cataloguing, classification, binding, and repair of books, loan desk, etc.

3. **Advanced Study and Practice in Library Methods.** I. 2 Hrs.
Intended for those specializing in library work. Hours to be arranged.

MATHEMATICS[1]

Professors EIESLAND, REYNOLDS, and TURNER; Assistant Professor DAVIS and VEHSE; Instructors CHAMBERS and ARCHIBALD; and Graduate Assistants STEWART, OVREBO, DOWNING, and VEST.

Lower Division

2. **Solid Geometry.** I, II. 3 Hrs.
If offered to remove entrance condition, ½ unit. Prerequisite: plane geometry. Mr. VEST.

3. **College Algebra.** I, II. 3 Hrs.
Prerequisite: 1½ units of algebra, and 1 unit of plane geometry. Mr. EIESLAND and STAFF.

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†Omitted, 1932-33.
[1]See pages 128 and 132.
[2]Students who enter the College of Arts and Sciences from high school with only 1 unit of algebra and 1 unit of plane geometry must elect Mathematics 9 before being admitted to any further courses, except Mathematics 2 and 10. Students who wish to fulfill requirements for mathematics as a teaching subject are advised to take Mathematics 2, 3, 4, 5, 6, 107, and 108, or, in case the student enters with only 1 unit in algebra and 1 unit in plane geometry, Mathematics 2, 9, 10, 5, 6, 107, and 108. Engineering students should take Mathematics 3, 4, 5, 6, 107, and 108. Mathematics 2 is required for entrance and must be absolved before admittance to Mathematics 107.

4. Plane Trigonometry. I, II. 2 Hrs.
Prerequisite: 1½ units of algebra, and 1 unit of plane geometry.
Mr. EIESLAND and STAFF.

5. Analytic Geometry. I, II. 3 Hrs.
Prerequisite: college algebra, and plane trigonometry.
Mr. EIESLAND and STAFF.

6. Trigonometry and Topics in Algebra. I, II. 2 Hrs.
This course includes topics in plane trigonometry and advanced algebra and 10 lessons in spherical trigonometry with application to the astronomical triangle. Prerequisite: college algebra, and plane trigonometry. Mr. EIESLAND and STAFF.

9. College Algebra. I. 5 Hrs.
Prerequisite: 1 unit of algebra, and 1 unit of plane geometry.
Mr. CHAMBERS.

10. Plane Trigonometry. II. 3 Hrs.
Prerequisite: 1 unit of algebra, and 1 unit of plane geometry.
Mr. ARCHIBALD.

11. Mathematics for Agricultural Students. II. 3 Hrs.
Prerequisite: 1 unit of elementary algebra, and 1 unit of plane geometry. Mr. DAVIS.

28. Mathematical Theory of Investment. II. 3 Hrs.
Primarily for students in economics and sociology. The following are among the topics treated: review of logarithms, interest and annuities, amortization, valuation of bonds, sinking funds and depreciation, theory of probability, life insurance. Prerequisite: Mathematics 3 or 9. Mr. REYNOLDS.

Upper Division

107. Differential and Integral Calculus.[1] I, II. 3 Hrs.
(Conference hours, T., Th.) Prerequisite: Mathematics 2, 3, 4, 5, 6 or 2, 9, 10, 5, 6. Mr. EIESLAND and STAFF.

108. Differential and Integral Calculus.[1] I, II. 3 Hrs.
Continuation of Mathematics 107. (Conference hours, T., Th.)
Mr. EIESLAND and STAFF.

207. Differential and Integral Calculus.[2] I. 3 Hrs.
Continuation of Mathematics 207. Mr. DAVIS.

208. Differential and Integral Calculus.[2] II. 3 Hrs.
Prerequisite: Mathematics 5. Mr. DAVIS.

240. Differential Equations. I. 3 Hrs.
Prerequisite: Mathematics 108. Mr. DAVIS.

[1]The part denoted as "conference," two hours weekly, is not intended to increase the amount of prepared work. It really amounts to two hours weekly of study in preparation for the regular class recitation with the help and guidance of the teacher. Attendance at these conferences is required.

[2]Not open to undergraduate engineering students. Will carry graduate credit only for graduate students majoring in education.

241. **Theory of Determinants and Analytic Geometry of Space. I. 3 Hrs.**
Prerequisite: Mathematics 108. Miss TURNER.

242. **Advanced Calculus. II. 3 Hrs.**
Prerequisite: Mathematics 108. Mr. EISELAND.

243. **Projective Geometry. 3 Hrs.**
Prerequisite: Mathematics 241. Miss TURNER.

244. **Theory of Equations. II. 3 Hrs.**
Prerequisite: Mathematics 108. Mr. REYNOLDS.

290. **Vector Analysis. II. 3 Hrs.**
Prerequisite: Mathematics 240, and Physics 231 and 232 or Mechanics 101 and 104. Mr. VEHSE.

Graduate Division

301, 302. **Differential Geometry and Theory of Surfaces. I, II. 6 Hrs.**
Prerequisite: Mathematics 240, 241, 242, and 243. Mr. EIESLAND.

303, 304. **Higher Algebra. I, II. 4 Hrs.**
Prerequisite: Mathematics 241, 242, and 243. Mr. REYNOLDS.

305, 306. **Introduction to the Theory of Functions of a Complex Variable. I, II. 6 Hrs.**
Prerequisite: Mathematics 240, 242, and 243. Mr. REYNOLDS.

307, 308. **Higher Plane Curves. I, II. 6 Hrs.**
Prerequisite: Mathematics 243. Miss TURNER.

309, 310. **Linear and Quadratic Complexes. I, II. 6 Hrs.**
Prerequisite: Mathematics 301 and 302. Mr. EIESLAND.

311, 312. **Algebraic Surfaces. I, II. 3 Hrs.**
Prerequisite: Mathematics 307 and 308. Miss TURNER.

†313, 314. **Algebraic Geometry and Theory of Abelian Integrals. I, II. 6 Hrs.**
Prerequisite: Mathematics 305 and 306. Mr. EIESLAND.

315, 316. **Theory of Finite Groups. I, II. 6 Hrs.**
Prerequisite: Mathematics 303 and 304. Mr. DAVIS.

317, 318. **Theory of Functions of a Real Variable. I, II. 6 Hrs.**
Prerequisite: Mathematics 305 and 306. Mr. REYNOLDS.

†319, 320. **Analysis Situs. I, II. 6 Hrs.**
Material from the Work of Poincare, Veblen, Alexander, Morse, and Lefschetz. Prerequisite: Mathematics 303, 304, 305, and 306. Mr. REYNOLDS.

324, 325. **Differential Equations of Physics. I, II. 6 Hrs.**
Prerequisite: Mathematics 204 and Physics 232. Mr. REYNOLDS.

†Omitted, 1931-32.

MINING ENGINEERING

(See pages 299 and 300.)

MEDICINE[1]

(See pages 293 to 297.)

PHILOSOPHY AND PSYCHOLOGY[2]

Professors WINTER and STALNAKER; and Assistant Professor CRESSWELL.

PHILOSOPHY

Lower Division

4. Introduction to Philosophy. I, II. 3 Hrs.
Prerequisite: Psychology 1. Mr. CRESSWELL.

11. Ethics. I. 3 Hrs.
Prerequisite: Psychology 1. Mr. CRESSWELL.

Upper Division

104. Introduction to Philosophy. I, II. 3 Hrs.
Prerequisite: Psychology 1. Mr. CRESSWELL.

106. Logic. I. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4. Mr. CRESSWELL.

107. Aesthetics. II. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4. Mr. CRESSWELL.

112. History of Ancient and Medieval Philosophy. I. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4. Mr. CRESSWELL.

113. History of Modern Philosophy. II. 3 Hrs.
Continuation of Philosophy 112, ending with German Idealism.
Prerequisite: Psychology 1, and Philosophy 4. Mr. CRESSWELL.

114. Contemporary Philosophy. II. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4, and 3 hours in other philosophy courses. Mr. CRESSWELL.

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[1]Students who have completed 66 hours in the College of Arts and Sciences, as outlined on page 131 and 135, or 110 hours in the College of Arts and Sciences and Department of Pharmacy, as outlined on page 136, may complete the requirements for the Bachelor of Science degree by taking the courses prescribed by the School of Medicine in the curriculum on page 195. Students who have completed 100 hours in the College of Arts and Sciences, as outlined on pages 131 and 133, may complete the requirements for the Bachelor of Arts degree by taking the first 35 hours listed by the School of Medicine in the curriculum on page 195.

[2]Psychology 1 is prerequisite to all other courses in the department. In general, lower division courses precede upper division courses. In the upper division, the courses as listed below are arranged in the order best suited to a progressive development of the fields of philosophy and psychology respectively.

120. **The Philosophy of Plato.** I. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4, and 3 hours in other philosophy courses, preferably Philosophy 112. Mr. CRESSWELL.

208. **Philosophy of Religion.** II. 3 Hrs.
Prerequisite: Psychology 1, Philosophy 4, and 3 hours in other philosophy courses. Mr. CRESSWELL.

217. **Seminar in Metaphysics.** I. 2 Hrs.
A critical study of a selected system of thought. Prerequisite: Psychology 1, Philosophy 4, 112, 113, and 106. Mr. CRESSWELL.

PSYCHOLOGY

Lower Division

1. **Introduction to Psychology.** I, II. 3 Hrs.
Not open to freshmen. This course is designed to familiarize the student with the principal phenomena of mental life, and is prerequisite to all other courses in psychology and philosophy.
Mr. WINTER and Miss STALNAKER.

10. **Applied Psychology.** II. 3 Hrs.
A study of the application of psychology to medicine and law. Prerequisite: Psychology 1. Mr. WINTER.

12 or 112. **Experimental Psychology.** I, II. 3 Hrs.
This course may be taken simultaneously with Psychology 1.
Miss STALNAKER.

Upper Division

101. **Introduction to Psychology.** I, II. 3 Hrs.
Mr. WINTER and Miss STALNAKER.

116. **Social Psychology.** I. 3 Hrs.
Prerequisite: Psychology 1. Mr. WINTER.

122. **Child Psychology.** II. 3 Hrs.
Prerequisite: Psychology 1. Miss STALNAKER.

124. **Mental Measurement.** I. 3 Hrs.
Prerequisite: Psychology 1. Miss STALNAKER.

126. **Advanced Experimental Psychology.** I. 2 Hrs.
Students in this course will be given individual problems for experimentation. Prerequisite: Psychology 1, 12, and 124.
Mr. WINTER.

219. **Clinical Psychology.** II. 3 Hrs.
Prerequisite: Psychology 1, 122, and 124. Miss STALNAKER.

229. **Abnormal Psychology.** II. 2 Hrs.
Prerequisite: Psychology 1, 12, and 116. Miss STALNAKER.

230. Advanced Psychology. II. 3 Hrs.
Prerequisite: Psychology 1 and 12, and one course in philosophy.
Mr. WINTER.

240. History of Psychology. II. 2 Hrs.
Prerequisite: Psychology 1 and 12, and two courses in philosophy.
Mr. WINTER.

245. Seminar. I. 2 Hrs.
A critical study of the current literature of psychology. Prerequisite: Psychology 1, 12, and 116. Mr. WINTER.

PHYSICAL EDUCATION[1]

(See pages 308 to 313.)

PHYSICS

Professors COLWELL and MOLBY; Associate Professor FORD; Assistant Professor HOLMES; and Instructors MYERS and THOMAS.

Lower Division

1. Introductory Physics. I. 3 Hrs.
Primarily for freshmen. Required of all students in the College of Agriculture and the School of Medicine. This course must be accompanied by the laboratory work of Physics 3. This course takes up mechanics, sound, and heat. Prerequisite: plane geometry and algebra. Mr. COLWELL, Mr. HOLMES, and Mr. THOMAS.

2. Introductory Physics. II. 3 Hrs.
Primarily for freshmen. This course must be accompanied by the laboratory work of Physics 4. This course includes electricity, magnetism and light. Continuation of Physics 1 which is prerequisite. Mr. COLWELL, Mr. HOLMES, and Mr. THOMAS.

3. Introductory Physical Laboratory. I. 1 Hr.
Primarily for freshmen. This course accompanies and is required of all students who take Physics 1. One laboratory period.
Mr. MOLBY and STAFF.

4. Introductory Physical Laboratory. II. 1 Hr.
Primarily for freshmen. Continuation of Physics 3.
Mr. MOLBY and STAFF.

9. A Problem Course in General Physics. I. 2 Hrs.
Open to students who have taken, or are taking, Physics 1, 2, 3, and 4, or equivalent; not open to students who have taken Physics 105, 106, 107, and 108. Mr. THOMAS.

10. Problems in General Physics. II. 2 Hrs.
Continuation of Physics 9. Mr. THOMAS.

[1]Fifteen hours, selected from the following courses in the Division of Physical Education, may be credited towards the A. B. degree in the College of Arts and Sciences: Physical Education 75, 76, 78, 150, 166, 167, 175, 276, and 277.

13. **Introductory Radio-Telegraphy and Radio-Telephony.** I. 3 Hrs.
Prerequisite: Physics 1, 2, 3, and 4, or equivalent. Mr. MYERS.

14. **Introductory Radio-Telegraphy and Radio-Telephony.** II. 3 Hrs.
Continuation of Physics 13 which is prerequisite. Mr. MYERS.

17. **General Laboratory.** I, II. 2 Hrs.
Primarily for sophomores and juniors. This course is designed to meet the needs of students who desire more laboratory work than that offered in Physics 3 and 4. Prerequisite: Physics 3 and 4.
Mr. MOLBY.

Upper Division

105. **General Physics.** I. 4 Hrs.
Required of all candidates for engineering degrees and recommended for all students who major in mathematics. Not open to students who have credit for Physics 1. No student is permitted to take this course without its accompanying laboratory exercise which is Physics 107. The course comprises mechanics, sound, and heat. Prerequisite: trigonometry and analytic geometry.
Mr. FORD.

105A. **General Physics.** II. 4 Hrs.
A repeat course for those who have failed in Physics 105.
Mr. FORD.

106. **General Physics.** II. 4 Hrs.
Continuation of Physics 105. Not open to students who have credit in Physics 1 and 2. This course covers light, electricity, and magnetism. No student is permitted to take this course without its accompanying laboratory exercise which is Physics 108.
Mr. FORD.

107. **General Physics Laboratory.** I. 1 Hr.
This is a companion course for Physics 105. Mr. MOLBY and STAFF.

108. **General Physics Laboratory.** II. 1 Hr.
Continuation of Physics 107. Mr. MOLBY and STAFF.

116. **Photography.** II. 2 Hrs.
For science majors. One lecture and one laboratory exercise.
Mr. MOLBY.

121 or 221. **Light.** I. 3 Hrs.
Lectures and laboratory work. This course is designed to meet the needs of students in general biology, chemistry, and medicine. Graduate credit will be allowed to those who are not majoring in Physics. Prerequisite: Physics 1, 2, 3, 4, and trigonometry, or Physics 105, 106, 107, and 108. Mr. MOLBY.

123. **Electrical Measurements.** I. 3 Hrs.
Primarily for juniors. Prerequisite: Physics 1, 2, 3, 4, or 105, 106, 107, and 108, and integral calculus. Mr. MYERS.

124. **Radio-Telegraphy and Radio-Telephony.** II. 3 Hrs.
Open to seniors. Elective for seniors in electrical engineering. Prerequisite: Physics 1, 2, 3, and 4, or equivalent, and integral calculus. Mr. MYERS.

225. **Introduction to Modern Physics.** I. 3 Hrs.
Designed especially for students majoring in the natural sciences. Open to all seniors. Prerequisite: Physics 1, 2, 3, and 4, or 105, 106, 107, and 108, and Mathematics 3 and 4, or equivalent.
Mr. FORD.

226. **Introduction to Modern Physics.** II. 3 Hrs.
Continuation of Physics 225. Mr. FORD.

231. **Theoretical Mechanics.** I. 3 Hrs.
Open to seniors. Prerequisite: Physics 1, 2, 3, and 4, or 105, 106, 107, and 108, and integral calculus. Mr. COLWELL.

232. **Theoretical Mechanics.** II. 3 Hrs.
Continuation of Physics 231. Mr. COLWELL.

233. **Introductory Electricity and Magnetism.** I. 3 Hrs.
Open to seniors. Prerequisite: Physics 105, 106, 107, and 108, and integral calculus. Mr. HOLMES.

234. **Introductory Electricity and Magnetism.** II. 3 Hrs.
Continuation of Physics 233, which is prerequisite. Mr. HOLMES.

241, 243, 245, 247. **Physics Seminar.** I. 1 Hr.
Open to seniors and graduates. A discussion of modern research in physics. Mr. COLWELL.

242, 244, 246, 248. **Physics Seminar.** II. 1 Hr.
Similar to Physics 241. Mr. COLWELL.

249. **Intermediate Laboratory.** I. 2 to 4 Hrs.
Open to seniors who major in physics. Prerequisite: Physics 105, 106, 107, and 108. Mr. COLWELL.

250. **Intermediate Laboratory.** II. 2 to 4 Hrs.
Continuation of Physics 249. Mr. COLWELL.

Graduate Division

381. **Physical Optics.** I. 3 Hrs. Mr. MOLBY.

382. **Physical Optics.** II. 3 Hrs.
A continuation of Physics 381. Mr. MOLBY.

383. **The Kinetic Theory of Gases and Molecular Physics.** I. 3 Hrs.
Prerequisite: Physics 1, 2, 3, and 4, or Physics 105, 106, 107, and 108, and integral calculus. Mr. HOLMES.

384. **The Kinetic Theory of Gases and Molecular Physics.** II. 3 Hrs.
A continuation of Physics 383. Mr. HOLMES.

391. **Advanced Electricity and Magnetism.** I. 3 Hrs. Mr. COLWELL.

392. **Advanced Electricity and Magnetism.** II. 3 Hrs.
A continuation of Physics 391. Mr. COLWELL.

393. Experimental Research. I. 4 to 16 Hrs.
Mr. COLWELL and STAFF.

394. Experimental Research. II. 4 to 16 Hrs.
Mr. COLWELL and STAFF.

PLANT PATHOLOGY[1]

(See page 226 and 227.)

POLITICAL SCIENCE

Professor SLY; Associate Professor MURPHY;[2] and Assistant Professors FRASURE and SHIPMAN.

Lower Division

4. The Principles and Practices of Government: The European States System. I. 3 Hrs.
Primarily for sophomores.
Mr. SLY, Mr. FRASURE, and Mr. SHIPMAN.

5. The Principles and Practices of Government: The American Federal System. II. 3 Hrs.
Primarily for sophomores.
Mr. SLY, Mr. FRASURE, and Mr. SHIPMAN.

Upper Division

†103. American Party Government. I. 3 Hrs.

106. American State and Local Government. I. 3 Hrs. Mr. SLY.

107. American City Government. II. 3 Hrs. Mr. SLY.

†208. Problems of the Modern State: The Administrative Process. I. 3 Hrs. Mr. SLY.

†209. Problems of the Modern State: The Legislative Process. II. 3 Hrs. Mr. SLY.

210. British Government and Practical Politics. II. 3 Hrs.
Mr. FRASURE.

211. New Constitutions of Europe. I. 3 Hrs. Mr. FRASURE.

216. Comparative Political Institutions. II. 3 Hrs. Mr. FRASURE.

219. History of Political Thought: Plato to Machiavelli. I. 3 Hrs.
Required of majors. Mr. SLY.

220. History of Political Thought: Machiavelli to the Present. II. 3 Hrs.
Required of majors. Mr. SLY.

†Omitted, 1932-33.
[1]Regular elective for Arts and Sciences students.
[2]On leave of absence, 1931-32.

223. International Law. I. 3 Hrs. Mr. Shipman.

242. American Constitutional Law: The American Federal System. I. 3 Hrs. Mr. Shipman.

243. American Constitutional Law: Fundamental Rights and Immunities. II. 3 Hrs. Mr. Shipman.

245. The Nature of Governmental Powers. I. 3 Hrs. Mr. Shipman.

246. Judicial Control of Administrative Functions. II. 3 Hrs. Mr. Shipman.

261. International Relations. I. 3 Hrs. Mr. Frasure.

262. International Government. II. 3 Hrs. Mr. Frasure.

Tutorial Courses[1]

294. Tutorial Instruction: International Relations. I. 3 Hrs. Mr. Frasure.

295. Tutorial Instruction: International Relations. II. 3 Hrs. Mr. Frasure.

296. Tutorial Instruction: Public Law. I. 3 Hrs. Mr. Shipman.

297. Tutorial Instruction: Public Law. II. 3 Hrs. Mr. Shipman.

298. Tutorial Instruction: State and Local Government. I. 3 Hrs. Mr. Sly.

299. Tutorial Instruction: State and Local Government. II. 3 Hrs. Mr. Sly.

Graduate Division

301. Methods of Research in Political Science. I. 2 to 4 Hrs. Mr. Sly.

302. Methods of Research in Political Science. II. 2 to 4 Hrs. Mr. Sly.

303. Selected Problems in International Relations. I. 2 to 4 Hrs. Mr. Frasure.

304. Selected Problems in International Relations. II. 2 to 4 Hrs. Mr. Frasure.

305. Selected Problems in Public Law. I. 2 to 4 Hrs. Mr. Shipman.

306. Selected Problems in Public Law. II. 2 to 4 Hrs. Mr. Shipman.

310. Source Materials in Political Science. I. 2 Hrs. Mr. Sly and Staff.

[1]These courses are designed for political science majors. The work is conducted by individual conferences between student and instructor, based upon thorough reading and investigation in selected topics within his field of interest as well as in related subjects that the student has been unable to cover in his course work.

POULTRY HUSBANDRY[1]

(See page 227.)

PUBLIC SPEAKING

Professor KAY; Instructors SIMONSON, FEAR, and LOWTHER.

Lower Division

1. **Fundamenals of Speech (Voice and Diction).** I, II. 3 Hrs.
Study of the nature and function of the organs of speech: practical training of the speaking voice to develop a pure, resonant, flexible tone; the effective control of the breath for power in speech; accurate articulation and distinct enunciation.

3. **Fundamentals of Speech (Beginning Interpretation).** I, II. 3 Hrs.
A continuation of course 1. Lectures, recitations, and drills in the elements of literary interpretation. Study of the thought processes, imagery, concepts; grouping, phrasing, thought values, motives; word meanings, connotation, punctuation. Much reading of varied types of literature to develop skill in extracting fullness of thought and feeling from the page and in communicating it orally.

6. **Fundamentals of Acting (Pantomime).** I, II. 3 Hrs.
The training of the whole body to a sensitive realization of feeling. Overcoming inhibitions and repressions. Study of the body as an expressive agent vital to effective speech. Coordination of body and mind in the expression of the varied types and shades of human emotion. This course is extremely valuable to play directors, to persons emotionally mal-adjusted, to all students of speech as a means of developing power and sincerity in speech. Primarily for sophomores.

7. **General Course.** I. 3 Hrs.
In briefer form the substance of courses 1, 3, and 11. Intended primarily for students from the College of Agriculture, College of Engineering, and Division of Physical Education. It is expected that all who take it will continue through course 8.

8. **General Course.** II. 3 Hrs.
Continuation of course 7 and covering in briefer form the substance of courses 6 and 213.
Prerequisite: Course 7.

11. **Elements of Effective Speaking.** I, II. 3 Hrs.
A fundamental course in speech composition. Study of audience psychology and its significance to effective speech. Every speech situation is treated as a problem to be analyzed and solved. Much practice in the composition and delivery of short speeches designed to harmonize with the speech conditions and to secure from the audience the desired reaction. Primarily for freshmen and sophomores in the College of Arts and Sciences.

[1]Poultry Husbandry 1 may be included by Arts and Science students in the 15 hours of agricultural electives.

Upper Division

117. Extempore Speaking. I. 2 Hrs.

A study of the more practical non-oratorical types of speech; maximum practice in organizing speech materials and speaking from outline. Investigation of the best means of securing and holding attention; of creating and developing interest; enlargement of oral vocabulary; use of stories, observations, and poems as illustrative matter; acquiring a simple, direct style of address. Compiling a speakers scrap-book.

118. Group Discussion. II. 2 Hrs. (Alternates with 215.)

Study of the nature of the group conference and methods of conducting. Getting the view points of the members, analyzing the problem, discovering and evaluating the issues, avoiding discords, directing the interest, harmonizing view points, securing concerted action.

Prerequisite: Course 11 or 117.

125. Story Telling. I, II. 3 Hrs.

Some consideration of child psychology and the consequent nature of literature suited to children: much practice in telling stories in class and before groups of children in public schools, etc. beginning with simple folk tales and progressing through the traditional types for each period of childhood. Study and discussion of child literature and making of a bibliography and story book. For juniors, and seniors with credit in courses 1 or 3, and 6.

129. General Interpretation. I, II. 3 Hrs.

Detailed study of the printed page to discover the devices used by writers in expressing thought and feeling as correlated to the oral and physical expression of the same thought and feeling. Much practice in oral interpretation to secure and communicate fullness of meaning.

Prerequisite: Course 1. Not open for credit to those with credit for course 3.

132. Advanced Acting. II. 2 Hrs. (Alternates with course 139.)

Laboratory work entirely. The members of the class will prepare short plays and scenes from longer plays to gain skill in the technique of the various periods; of farce, comedy and tragic situations; of various character parts. Observation and discussion of actors appearing in plays and in pictures.

Prerequisite: Courses 1 and 6.

133. Play Production. II. 3 Hrs.

A practical course to prepare students to produce plays in schools and little theatres, etc. A study of the organization and duties of the staff, methods of production, scenery designing and building, lighting, costuming, make-up. Theory of design, color, and decoration. Business management. Collateral readings and making of bibliography.

137. Play Directing. I. 3 Hrs.

Study of the various schools of directing. Blocking out the play; casting; building dramatic scenes; stage technique. The problems

of design, grouping, tempo, rhythm, atmosphere, emphasis. Conduct of rehearsals. Lectures, reports, and discussions. Lists of plays will be assigned for reading and discussion as to suitability for groups and occasions.
Prerequisite: Courses 1, 3 or 129, and 6.

†139. **History of the Theatre and Theatric Arts.** I. 3 Hrs. (Alternates with course 132.)
Lectures and collateral readings and reports. The place of the theatre as an educational and social institution; its aims, methods, and accomplishments. Representative plays paralleling the steps in development will be read and discussed. The course aims to give a cultural background for an understanding and appreciation of the theatre and the drama.

140. **Extra-Curricular Activities.**[1] I, II. 1 to 3 Hrs.

141. **Extra-Curricular Activities.**[1] I, II. 1 to 3 Hrs.

142. **Extra-Curricular Activities.**[1] I, II. 1 to 3 Hrs.

213. **Argumentation and Debate.** I, II. 3 Hrs.
An intensive study of argumentative discourse. Training in the investigation of questions and the state of public opinion in order to discover and evaluate the issues; evidence; reasoning; brief drawing; fallacies; refutation. Training in actual debate.
Prerequisite: Course 11.

†215. **The Occasional Address.** II. 2 Hrs. (Alternates with course 118.)
The history of orators and oratory with emphasis on the American. Analysis of oratorical masterpieces to discover the speaker's method. Study of persuasion and its use in types of formal address. Each student will be required to write and deliver one formal lecture in addition to numerous shorter speeches written to fit a special occasion.
Prerequisite: Course 11 or 117.

220. **Advanced Debate.** I, II. 3 Hrs.
A continuation of course 213. Practice in gathering and evaluating material; defining; illustrating; planning debate strategy; refutation. This class forms the basis of the intercollegiate debating teams. No credit given for work in debate unless enrolled in this class.
Prerequisite: Course 213.

222. **Oral Interpretation of Poetry.** I. 3 Hrs.
Lectures, discussions, and oral interpretation of selected poems by the instructor and the class. The object of the course is to aid the student to a deeper appreciation, both intellectual and emotional, of poetic values and to enable him to share them with others through

†Omitted, 1932-33.
[1]The head of the department may grant as much as 3 hours' credit to members of debating teams, to casts of major plays, or to participants in other speech activities when assigned and directed by a member of the teaching staff.

adequate expression. Each member of the class will be required to write and deliver a lecture-recital on some recognized poet or school of poetry.
Prerequisite: Course 3 or 129 and one course in speech composition and delivery.

223. **Oral Interpretation of Dramatic Literature.** II. 3 Hrs.
Similar in purpose and method to course 222. Composition and delivery of a lecture-recital on a recognized dramatist or school of play-writing.
Prerequisite: Course 3 or 129 and one course in speech composition.

227. **Professional Reading.** I. 2 Hrs.
Individual training. For senior majors only. Program building. Public recitals.

228. **Professional Reading.** II. 2 Hrs.
Similar to course 227.

†236. **Teaching Speech.** II. 3 Hrs.
For students with a major or minor in speech only.

ROMANCE LANGUAGES AND LITERATURES[1]

Professors STATHERS, DARBY, and SPIKER; Associate Professor MITRANI; and Instructors ASHBURN, MAYNARD, MANNING, JAMES, and MACBRIDE.

FRENCH

Lower Division

1. **Elementary French.** I, II. 3 Hrs. Mr. SPIKER and STAFF.

2. **Intermediate French.** I, II. 3 Hrs.
Continuation of French 1. Mr. SPIKER and STAFF.

5. **Fiction of the Nineteenth Century.** I. 3 Hrs.
Mr. DARBY and STAFF.

6. **Drama of the Nineteenth Century.** II. 3 Hrs.
Mr. DARBY and STAFF.

7 or 107. **Advanced Readings.** I. 3 Hrs.
Mr. MITRANI and STAFF.

8 or 108. **Advanced Readings.** II. 3 Hrs.
Mr. MITRANI and STAFF.

†Omitted, 1932-33.
[1]Courses 1 and 2, or two years of high school credit, will be required for entrance to courses 5, 6, 7, and 8. Usually, students who have had two years' study of the language in high school should take courses 5 and 6. Students who have done three years of work in high school should take courses 7 and 8. No student who has not completed French 9, 10, 115, 116, and 231, or Spanish 9, 10, 116, 221, and 222, will be recommended as a teacher of these subjects.

9 or 109. Grammar and Pronunciation. I. 3 Hrs.
For sophomores or juniors. Prerequisite: 12 hours of French, or equivalent. Mr. MITRANI and STAFF.

10 or 110. Advanced Conversation. II. 3 Hrs.
For sophomores or juniors. Prerequisite: French 9 or 109, or equivalent. Mr. MITRANI and STAFF.

Upper Division

115. The Classical School. I. 3 Hrs.
Prerequisite: 12 hours of French, or equivalent.
Mr. DARBY, Mr. SPIKER, and Mr. MANNING.

116. The Classical School After Moliere. II. 3 Hrs.
Prerequisite: French 115.
Mr. DARBY, Mr. SPIKER, and Mr. MANNING.

221. The Romantic Movement. I. 3 Hrs.
Prerequisite: French 115 and 116. Mr. STATHERS.

222. French Literature Since 1850. II. 3 Hrs.
Prerequisite: French 221. Mr. STATHERS.

223. The Problem Play. I. 2 Hrs.
Prerequisite: French 115 and 116. Mr. DARBY.

224. Historical Novel in the Nineteenth Century. II. 2 Hrs.
Prerequisite: French 115 and 116. Mr. DARBY.

226. Literary Criticism in the Nineteenth Century. II. 2 Hrs.
Prerequisite: French 221 and 222. Mr. SPIKER.

229. Literature of the Sixteenth Century. I. 2 Hrs.
Prerequisite: French 115 and 116. Mr. SPIKER.

230. The Sixteenth Century after 1550. II. 2 Hrs.
Prerequisite: French 115 and 116. Mr. SPIKER.

231. Phonetics and Pronunciation. I. 2 Hrs.
Prerequisite: 18 hours of French, or equivalent. Mr. STATHERS.

232. Problems in Teaching French. II. 2 Hrs.
Prerequisite: 18 hours of French, or equivalent. Mr. STATHERS.

237. Moliere. I. 2 Hrs.
Prerequisite: French 115 and 116. Mr. SPIKER.

243. Etude du vocabulaire. I. 2 Hrs.
Prerequisite: French 109 and 110. Mr. STATHERS.

244. Explication de textes. II. 2 Hrs.
Prerequisite: French 109 and 110. Mr. STATHERS.

Graduate Division

391. Seminar. I. 2 to 5 Hrs.
The origin of French comedy relative to native and foreign elements in its composition. Mr. SPIKER.

392. Seminar. II. 2 to 5 Hrs.
The development of the theory of tragedy previous to the seventeenth century. Mr. SPIKER.

395. Seminar. I. 2 to 5 Hrs.
Individual study of some subject chosen from the literature of the first half of the nineteenth century. Mr. STATHERS.

396. Seminar. II. 2 to 5 Hrs.
A critical study of some phase of literature of the second half of the nineteenth century. Mr. STATHERS.

SPANISH

Lower Division

1. Elementary Spanish. I, II. 3 Hrs. Mr. ASHBURN and STAFF.

2. Intermediate Spanish. I, II. 3 Hrs.
Continuation of Spanish 1. Mr. ASHBURN and STAFF.

5. Contemporary Fiction. I. 3 Hrs. Mr. MAYNARD and STAFF.

6. Drama of the Nineteenth Century. II. 3 Hrs.
Prerequisite: Zoology 1 and 2.
Mr. TAYLOR.

235s. Comparative Embryology. S. 6 Hrs.
To be taken at the Marine Biological Laboratory, Woods Hole, Mass.; six weeks; summer. Prerequisite: Zoology 1, 2, and 207.

240. Current Literature. I, II. 1 Hr.
For seniors and graduates. Mr. TAYLOR.

252. Physiology of Development. II. 3 Hrs.
Open to seniors and graduates. Lectures and conferences on nutrition and the endocrines. Prerequisite: Zoology 2, and 231 or 51. Mr. CHIDESTER.

253. Physiology of Development. S. 6 to 12 Hrs.
Continuation of Zoology 252. Experimental studies on nutrition and the endocrines. To be taken at the Marine Biological Laboratory, Woods Hole, Mass. Six to 12 weeks, summer. Mr. CHIDESTER.

Graduate Division

Prerequisite: 12 hours of Spanish, or equivalent. Mr. MAYNARD.

116. Civilization and Culture. II. 3 Hrs.
Prerequisite: 12 hours of Spanish, or equivalent. Mr. MAYNARD.

221. Literature of the Golden Age. I. 3 Hrs.
Prerequisite: 18 hours of Spanish, or equivalent. Mr. MITRANI.

222. **The Golden Age after Lope de Vega.** II. 3 Hrs.
Prerequisite: Spanish 221. Mr. MITRANI.

223. **Spanish American Literature.** I. 2 Hrs.
Prerequisite: 18 hours of Spanish, or equivalent. Mr. MITRANI.

224. **Spanish American Literature.** II. 2 Hrs.
Continuation of Spanish 223. Prerequisite: 18 hours of Spanish, or equivalent. Mr. MITRANI.

Graduate Division

395. **Literature of the Sixteenth Century.** I. 3 Hrs.
Leading literary productions of the Renaissance. Mr. STATHERS.

396. **Old Spanish.** II. 3 Hrs. Mr. STATHERS.

ITALIAN

Lower Division

1. **Elementary Italian.** I. 3 Hrs. Mr. DARBY.

2. **Modern Italian.** II. 3 Hrs.
Continuation of Italian 1. Mr. DARBY.

5 or 105. **Modern Fiction.** I. 3 Hrs. Mr. DARBY.

6 or 106. **Modern Drama.** II. 3 Hrs. Mr. DARBY.

[redacted]

4. **Elementary Zoology.** I. 5 Hrs.
For students in physical education. Mr. CHIDESTER.

16. **Economic Zoology.** II. 2 Hrs. Mr. REESE.

[1]Zoology 1, 2, 118, and 210 are of special interest to teachers. Zoology 1 and 2 are required of students preparing to enter the study of medicine. Zoology 4 is required of students in physical education.

51. **Physiology and Hygiene.** I, II. 3 or 4 Hrs.
Not open to pre-medical students. An elementary course in physiology and hygiene. Mr. CHIDESTER.

Upper Division

118. **Methods of Zoology.** II. 3 Hrs.
A practical course in the methods of collecting, preserving, injecting, making microscopic preparations, etc. Prerequisite: Zoology 1 and 2, or equivalent. Mr. TAYLOR.

125. **Limnology.** I. 2 Hrs.
For sophomores in public health. Combination course offered by departments of botany and zoology. Mr. TAYLOR and others.

126s. **Advanced Limnology.** S. 1 Hr.
Continuation of Zoology 125. The course consists mainly of field work. Hours to be arranged. Mr. TAYLOR and others.

207. **Vertebrate Embryology.** I. 3 Hrs.
Prerequisite: Zoology 1 and 2. Mr. REESE.

210. **Principles of Biology.** II. 3 Hrs.
Prerequisite: Zoology 1. Mr. CHIDESTER.

231, 232, 233. **Comparative Anatomy.** I. 1 to 4 Hrs.
Advanced courses; to be taken ordinarily after most of the preceding courses have been completed. Prerequisite: Zoology 1 and 2. Mr. CHIDESTER.

234. **Comparative Histology.** I. 2 or 3 Hrs.
Not open to pre-medical students. Prerequisite: Zoology 1 and 2. Mr. TAYLOR.

235s. **Comparative Embryology.** S. 6 Hrs.
To be taken at the Marine Biological Laboratory, Woods Hole, Mass.; six weeks; summer. Prerequisite: Zoology 1, 2, and 207.

240. **Current Literature.** I, II. 1 Hr.
For seniors and graduates. Mr. TAYLOR.

252. **Physiology of Development.** II. 3 Hrs.
Open to seniors and graduates. Lectures and conferences on nutrition and the endocrines. Prerequisite: Zoology 2, and 231 or 51. Mr. CHIDESTER.

253. **Physiology of Development.** S. 6 to 12 Hrs.
Continuation of Zoology 252. Experimental studies on nutrition and the endocrines. To be taken at the Marine Biological Laboratory, Woods Hole, Mass. Six to 12 weeks, summer. Mr. CHIDESTER.

Graduate Division

381, 382, 383, 384, 385. **Comparative Anatomy, Histology, and Embryology.** I, II. 1 to 5 Hrs.
Mr. REESE, Mr. CHIDESTER, and Mr. TAYLOR.

390, 391, 392, 393, 394, 395. **Research Work.** I, II. 1 to 5 Hrs.
Original research on an assigned problem in the field of zoology.
Mr. REESE, Mr. CHIDESTER, and Mr. TAYLOR.

EDUCATION

(For explanation of abbreviations, see page 212.)

Professors BOHAN, DEAHL, L. B. HILL, HUDELSON, MACLIN, POLLOCK, and STEMPLE; Associate Professors ALLEN, OLNEY, and PARSONS; Assistant Professors CLARK, COLEBANK, HINKEL, and RICHMOND; Instructors COPLIN, SOUPART, and WILT; Teachers BOGGESS, CALVERT, DORSEY, FEDERER, LEWIS, and MEREDITH.

Courses in Education are open only to students of junior, senior, and graduate standing. The following courses are required of high school teachers for recommendation for certification: Ed. Psy. 106, 112, and 214; Ed. Ad. 109; Ed. Sup. 224; and Ed. M. and M. 120 and at least one of the Ed. M. and M. courses 160 to 170, inclusive. Enough additional courses must be chosen from the following to meet the minimum requirement of 20 hours in Education: Gen. Ed. 231, 233, 281, and 282; Ed. Ad. 236, 284, and 285; and an additional course selected from Ed. Sup. 224 and Ed. M. and M. 160 to 170, inclusive. No other electives will be accepted without the consent of the Scholarship Committee of the College of Education.

GENERAL EDUCATION

Undergraduate Division

231. **Philosophy of Education.** I. 3 Hrs.
A study of the principles of education and the conditions that help and hinder; life activities which the school should reflect and promulgate through its organization, its program of studies, and its methods. Mr. DEAHL.

233. **Educational Sociology.** II. 3 Hrs.
Factors and forces that build society; their relative values in education; individual and social control; democracy and guidance in building programs of study; environment and heredity in the evaluation of the school; the agencies that educate for democracy. Mr. DEAHL.

272. **Statistical Methods in Education.** I. 3 Hrs.
Measures of central tendency, variability, and simple correlation; reliability of measures and differences; appropriate treatment and effective presentation of data. Recommended for all candidates for advanced degrees in Education. Prerequisite: Ed. Psy. 106, and Ed. Ad. 109. Mr. BOHAN.

281. **History of Education.** I. 2 Hrs.
Development of American education, elementary, secondary, and higher; local, state, and national influences; factors of progress and decline; effects of economic, political, religious, scientific, and social changes; opportunities and responsibilities of American education. Mr. DEAHL.

282. History of Education. II. 2 Hrs.
The development of European and Oriental civilization as reflected in education; growth of ideas and ideals in human progress; struggle of church, state, and school for educational progress; present problems in national and international education, with their historical antecedents. Mr. DEAHL.

Graduate Division

300. Techniques of Educational Research. I. 2 Hrs.
Recommended for all candidates for advanced degrees in Education. Prerequisite or parallel: Gen. Ed. 272. Mr. BOHAN.

395, 396, 397, 398. Seminar. Yr. No credit.
Two semesters, a semester and a summer term, or four summer terms are required of all candidates for graduate degrees in Education. Official enrollment required. STAFF.

AGRICULTURAL EDUCATION[1]

Associate Professor ALLEN, *Adviser.*

(See pages 214 and 215.)

EDUCATIONAL ADMINISTRATION

Professor STEMPLE, *Adviser.*

Undergraduate Division

109. Secondary Education. I, II. 3 Hrs.
High school problems outside the field of instructional methods. Mr. STEMPLE.

236. The Secondary-School Curriculum. II. 3 Hrs.
The principles of curriculum construction and the materials used in high school courses of study. Prerequisite: Ed. Psy. 106, Ed. Ad. 109, and Ed. M. and M. 120, or equivalent. Mr. STEMPLE.

239. Public School Organization and Administration. I. 3 Hrs.
An orientation course for prospective school administrators. Required of all administration majors. Prerequisite: Ed. Psy. 106 and Ed. M. and M. 120, or equivalent, and teaching experience. Mr. STEMPLE.

284. Pupil Personnel Administration. I. 3 Hrs.
The administration of educational guidance and extra-curricular activities. Prerequisite: Ed. Psy. 106 and 112, and Ed. Ad. 109. Mr. STEMPLE.

[1]The following courses are offered in the Department of Agricultural Education of the College of Agriculture: Agricultural Education 120, 160, 166, 168, 224, and 257. See also Ed. M. and M. 160 to 170, inclusive, and Ed. Sup. 224.

285. **The Junior High School.** I. 2 Hrs.
For junior high school principals, supervisors, and teachers. The administrative, curricular, and extra-curricular problems peculiar to this type of school. Prerequisite: Ed. Psy. 106 and Ed. Ad. 109, or equivalent. Mr. STEMPLE.

Graduate Division

338. **High School Organization.** II. 2 Hrs.
An intensive study of the literature on various phases of secondary-school organization. Required of graduate majors in High School Administration. Prerequisite: 20 hours of Education, and high school teaching experience. Mr. STEMPLE.

353. **High School Administration.** II. 3 Hrs.
Advanced course for secondary-school principals. Required of all graduate majors in High School Administration, and for recommendation for high school principal's certificate. Prerequisite: Ed. Psy. 106 and 112, Ed. Ad. 109 and 239, and Ed. M. and M. 120, or equivalent, and high school teaching experience.
Mr. STEMPLE.

360, 361. **Problems in Educational Administration (General and Secondary).** I, II. Credit to be arranged, not to exceed 2 Hrs. per semester.
Prerequisite: consent of instructor. Mr. STEMPLE.

HIGHER EDUCATION

Graduate Division

360. **Problems of Higher Education.** II. 2 Hrs.
Readings on and consideration of the aims and functions of higher education and the problems of college and university organization, administration, finance, curricula, instruction, social control, faculty and student personnel, induction of students, student accounting, and the preparation, training, and advancement of college teachers. An orientation course for graduate students who are engaged in or who contemplate college teaching.
Mr. HUDELSON.

HOME ECONOMICS EDUCATION[1]

Professor COLWELL, *Adviser.*

(See page 224.)

INDUSTRIAL EDUCATION[2]

Professor MACLIN, *Adviser.*

(See page 285.)

[1]The following courses are offered in the Department of Home Economics of the College of Agriculture: Home Economics 163, 224, and 264. See also Ed. M. and M. 163 and Ed. Sup. 224.

[2]The following courses are offered in the Department of Industrial Education of the College of Engineering: Industrial Education 101, 124, and 164. See also Ed. M. and M. 164 and Ed. Sup. 224.

EDUCATIONAL MATERIALS AND METHODS

Professors POLLOCK and HUDELSON, *Advisers.*

Undergraduate Division

120. Principles of Teaching in Secondary Schools. I, II. 3 Hrs.
The fundamental principles of the teaching process; observation and study of instructional activities demonstrated in the University High School; evaluation of teaching units; practice in lesson-planning. Required of all who are preparing to do student-teaching. Prerequisite: Ed. Psy. 106 and 112 and Ed. Ad. 109, or equivalent, and consent of instructor.
Mr. DEAHL and Miss POLLOCK.

160-170. Materials and Methods of High School Teaching.
Special methods in the various teaching fields. Selection and arrangement of subject matter; activity analysis applied to the various subjects; analysis of courses of study based on surveys of pupil needs. Prerequisite: Ed. M. and M. 120.
These courses are offered by the supervisors of student teaching in the various fields, and are to be taken as correlates with student teaching. As a rule only one course in special methods is required, but a course in the second teaching subject is desirable. The various sections of this course, with their instructors, are as follows:

160. Agriculture. I, II. 3 Hrs. (See Ag. Ed.) Mr. PARSONS.

161. English. I, II. 2 Hrs. Miss SOUPART.

162. Foreign Languages. I. 2 Hrs. STAFF.

163. Home Economics. I, II. 2 Hrs. (See H. E. Ed.)
Miss RICHMOND.

164. Industrial Education. I. 2 Hrs. (See I. E.) Mr. MACLIN.

165. Mathematics. I. 2 Hrs. Miss WILT.

166. Science. I. 2 Hrs. (See Ag. Ed.) Mr. ALLEN.

167. Social Science. I, II. 2 Hrs. Miss COPLIN.

168. Visual Education. I. 2 Hrs. (See Ag. Ed.) Mr. ALLEN.

169. Music. I, II. 2 Hrs.
(See Mus. Ed.) Miss HINKEL.

170. Commerce. I, II. 2 Hrs. STAFF.

220. Teaching in the Secondary Schools. I. 3 Hrs.
A critical analysis of current practices. Members will be selected by the instructor. Prerequisite: Ed. Psy. 106 and 112 and Ed. Ad. 109, or equivalent. Miss POLLOCK.

Graduate Division

350. The Science of Teaching. I. 2 Hrs.
An analysis and synthesis of the experimental evidence that constitutes the foundation of secondary-school instruction; critical evaluation of experimental techniques; interpretation of experimental results; implications of the cumulative evidence in the light of aims and content. This course must be preceded or accompanied by Gen. Ed. 272 and Ed. Psy. 365. Optional with Ed. M. and M. 390 for teachers and supervisors of English. Mr. HUDELSON.

360, 361. Problems in the Materials and Methods of High School Teaching. I, II. Credit to be arranged, not to exceed 2 Hrs. per semester.
Prerequisite: Ed. M. and M. 350 or 390, and consent of instructor. Miss POLLOCK and Mr. HUDELSON.

390. Advanced Course in the Materials and Methods of High School English. I. 2 Hrs.
Optional with Ed. M. and M. 350 for teachers and supervisors of English. Prerequisite: Ed. M. and M. 161 and Ed. Sup. 224.
Miss POLLOCK.

MUSIC EDUCATION[1]

Assistant Professor HINKEL, *Adviser.*

(See page 303.)

PHYSICAL EDUCATION[2]

Professor SCHOTT, *Adviser.*

(See page 313.)

EDUCATIONAL PSYCHOLOGY

Professor BOHAN, *Adviser.*

Undergraduate Division

106. Educational Psychology. I, II. 3 Hrs.
The psychological basis of learning, with particular reference to secondary-school pupils. Required for a degree in Education and for the State high school certificate. Mr. BOHAN.

112. Tests and Measures. I, II. 2 Hrs.
Uses of group intelligence and achievement tests for secondary-school pupils and interpretation of results. A laboratory course of two double periods per week. Required for a degree in Education. Prerequisite: Ed. Psy. 106. Mr. BOHAN.

[1]The following courses are offered in the School of Music: Public School Music 169 and 224.
[2]The following courses are offered in the Division of Physical Education: Physical Education 178, 180, 277, and 278.

214. Advanced Educational Psychology. I, II. 2 Hrs.
Each student will be expected to make a special study of the psychological problems in his teaching field. Required for a bachelor's degree in Education. Prerequisite: Ed. Psy. 106. Graduate credit will be allowed only when previous work in psychology and educational psychology totals at least six semester hours. Mr. BOHAN.

Graduate Division

358. Systematic Educational Psychology. II. 2 Hrs.
Advanced study of the general field of psychology with reference to education. Emphasis on the development, present-day literature, and problems in the field. Recommended as preparation for the qualifying examination for the doctorate. Prerequisite: Ed. Psy. 106 and 214, or equivalent. Mr. BOHAN.

360, 361. Problems in Educational Psychology. I, II. Credit to be arranged, not to exceed 2 Hrs. per semester.
For students who are ready to undertake independent research. Prerequisite: consent of instructor. Mr. BOHAN.

365. Construction and Use of Standard Tests. II. 2 Hrs.
Scientific techniques of constructing objective tests and scales; selection of items; criteria of reliability and validity; and norms. Actual development, or participation in the development, of a scientific test or scale is a requirement of this course. Prerequisite: Ed. Psy. 106 and 112, Ed. Ad. 109, and Gen. Ed. 272, or equivalent. Mr. BOHAN.

EDUCATIONAL SUPERVISION

Professor L. B. HILL, *Adviser.*

Undergraduate Division

224. Student Teaching. I, II. 3 Hrs.
Required for certification. Daily attendance. Must be accompanied by Ed. M. and M. 160-170, a two-hour course. Each student, after conferring with the supervisor, should arrange for two consecutive hours daily for observation and practice. Prerequisite: Ed. Psy. 106 and 112, Ed. Ad. 109, and Ed. M. and M. 120. Application for registration should be made to Mr. Robert Clark early in the preceding semester. Facilities for student teaching are offered in agriculture, commerce, English, foreign languages, home economics, industrial education, mathematics, music, physical education, science, and the social sciences.
Mr. CLARK, Mr. COLEBANK, and STAFF.

240. Supervision of Elementary-School Instruction. I. 2 Hrs.
For superintendents and for supervisors and principals of elementary schools. General and specific objectives, content, and procedure techniques of typical elementary-school subjects. Attention will be given to each elementary-school subject. Mr. HILL.

246. **Supervision of Junior and Senior High School Instruction.** I. 2 Hrs.

To assist principals and superintendents in developing techniques for evaluating teaching. A critical analysis of teaching procedures, techniques, and devices will follow direct observations of classroom teaching and other activities. Mr. HILL.

250. **Teacher Cooperation in the Supervision of Instruction.** II. 3 Hrs.

An elective course for those who have had student teaching and who will become teachers or supervisors of teachers. Aims: (1) to teach the purposes and techniques of supervision; (2) to discover ways and means by which the classroom teachers may attain and promote higher teaching levels in the school system by active cooperation with the supervisor. Mr. HILL.

256. **Supervision of Rural Schools.** II. 2 Hrs.

For county and district superintendents, rural school principals, and teachers. The problems of supervision peculiar to rural schools. Mr. CLARK.

Graduate Division

327. **Practice in the Supervision of Instruction.** I, II. 3 Hrs.

Required of graduate majors in Educational Supervision, and for the high school principal's certificate. Prerequisite: Ed. Sup. 224 for all, and Ed. Sup. 246 for graduate majors in Educational Supervision. Application should be made early in the preceding semester. Mr. HILL.

360, 361. **Problems in Educational Supervision.** I, II. Credit to arranged, not to exceed 2 Hrs. per semester.

Guidance in selecting, planning, and pursuing individual research projects. Prerequisite: consent of instructor. Mr. HILL.

ENGINEERING AND MECHANIC ARTS[1]

(For explanation of abbreviations, see page 212.)

CHEMICAL, METALLURGICAL, AND CERAMIC ENGINEERING

Professors HODGE and KOEHLER; Lecturer PARRY; Instructors H. M. CATHER and JENNI; and Graduate Assistant STEELY.

Undergraduate Division

101. **Oil Laboratory.** I. 1 Hr.

Primarily for students taking the Oil and Gas Option. Prerequisite: Chemistry 6 or 10. Mr. KOEHLER.

102. **Blow-Pipe Anaylsis and Assaying.** II. 2 Hrs.

Laboratory and recitations. Prerequisite: Chemistry 6 or 10. Mr. JENNI.

[1]The following courses are regularly scheduled for the Summer Session and should be taken at that time by all regular engineering students: C. E. 5s and 107s, and M. E. 10, 11, and 13s. For other engineering courses offered in the Summer Session, see page 317.

124. **Thesis.** I, II. 2 to 5 Hrs.
Some problem in chemical enginering or industrial chemistry is selected for investigation. A carefully prepared report is required. Credit is given in proportion to time put in and results obtained.
Mr. HODGE or Mr. KOEHLER.

201. **Benzene Derivatives.** II. 2 or 3 Hrs.
Manufacture of commercial products from coal tar; benzene and related compounds; intermediates, dyes, drugs, and explosives. Recitations and laboratory. Prerequisite: Chemistry 233.
Mr. HODGE and Mr. JENNI.

202. **Water Examination and Purification.** II. 2 Hrs.
Recitations and laboratory. Prerequisite: Chemistry 6 or 10.
Mr. HODGE.

205.* **Chemical Engineering and Manufactures.** I. 3 Hrs.
Prerequisite: Chemistry 260, and M. 103.
Mr. HODGE and Mr. CATHER.

206.* **Industrial Chemistry Laboratory.** I. 2 Hrs.
To accompany Ch. E. 205. Mr. HODGE and Mr. JENNI.

207. **Chemical Engineering and Manufactures.** II. 2 Hrs.
Continuation of Ch. E. 205. Mr. HODGE.

208. **Chemical Engineering Laboratory.** II. 2 Hrs.
Continuation of Ch. E. 206. To accompany Ch. E. 207.
Mr. HODGE and Mr. JENNI.

209. **Chemical Plants.** II. 2 Hrs.
The principles applied in the layout, design and operation of plants devoted to the production of industrial chemicals. Prerequisite: M. E. 29 and Ch. E. 205. Mr. HODGE and Mr. CATHER.

210. **Electrochemical Industries.** I, II. 2 or 3 Hrs.
Prerequisite: E. E. 110 or its equivalent, and Chemistry 6 or 10.
Mr. KOEHLER and Mr. STEELY.

211. **Fuels.** II. 2 or 3 Hrs.
Recitations and laboratory. Prerequisite: Chemistry 6 or 10, and M. E. 122. Mr. PARRY.

212. **Oil Refining Laboratory.** I. 2 Hrs.
Prerequisite: Chemistry 233 and M. 103. Mr. KOEHLER.

213. **Principles of Gas and Fuel Engineering.** I. 3 Hrs.
Prerequisite: Ch. E. 211. Mr. PARRY.

214. **Principles of Gas and Fuel Engineering.** II. 3 Hrs.
Continuation of Ch. E. 213. Mr. PARRY.

220.* **Metallurgy of Iron and Steel.** I. 2 Hrs.
Prerequisite: Chemistry 6 or 10. Mr. HODGE.

*May be taken as undergraduate work by students in colleges other than the College of Engineering and Mechanic Arts.

221.* **Metallurgy Laboratory.** I. 1 Hr.
Preparation and microscopical examination of 25 specimens of iron and steel; analytical determinations. To accompany Ch. E. 220. Mr. JENNI.

222. **Metallurgy Non-Ferrous.** II. 2 Hrs.
Prerequisite: Chemistry 6, and M. 103. Mr. HODGE.

223. **Metallography Laboratory.** II. 2 Hrs.
Prerequisite: Ch. E. 220, 221, and 222, and Chemistry 260.
Mr. HODGE and Mr. JENNI.

230. **Ceramics.** II. 3 Hrs.
A review of the ceramic industries. Chemical and engineering principles applied in the manufacture of ceramic materials. Working and testing of clays. Recitation and laboratory. Prerequisite: Chemistry 260. Mr. KOEHLER.

231. **Advanced Ceramics Laboratory.** I. 2 Hrs.
Preparation of bodies, glazes, enamels and glass. Biscuit and glost firing. Coloring agents. Factory control tests. Prerequisite: Ch. E. 230. Mr. KOEHLER.

232. **Refractories.** I, II. 2 Hrs.
Manufacture, properties, and use of refractory materials. Standard tests. Study of phase diagram of refractory materials. Prerequisite: Chemistry 6 or 10. Mr. KOEHLER.

233. **Glass.** I, II. 2 Hrs.
Physical and chemical properties of glass. Methods of analysis of glass and of raw materials. Theory and practice of manufacture. Prerequisite: Ch. E. 230. Mr. KOEHLER.

Graduate Division

300. **Thesis.** I, II. Credits to be arranged.
A suitable problem in chemical engineering, metallurgy, or ceramics is selected for investigation. Prerequisite: Ch. E. 207.
Mr. HODGE and STAFF.

301. **Coal Tar and By-Products.** II. 2 Hrs.
Prerequisite: Ch. E. 201, 206, and 211. Mr. HODGE.

302. **Biochemical Industries.** I. 3 Hrs.
Prerequisite: Ch. E. 201 and 207. Mr. HODGE.

303. **Transformations in Silicates.** I, II. 2 Hrs.
Prerequisite: Ch. E. 230. Mr. KOEHLER.

304. **Utilization of Coal.** I. 3 Hrs.
Admission by consent of the instructor. Mr. PARRY.

310. **Research Problems.** I, II. 3 to 10 Hrs.
Prerequisite: Ch. E. 207. Mr. HODGE and STAFF.

311. **Research Problems.** I, II. 3 to 10 Hrs.
A continuation of Ch. E. 310. Mr. HODGE and STAFF.

*May be taken as undergraduate work by students in colleges other than the College of Engineering and Mechanic Arts.

CIVIL ENGINEERING

RAILWAY AND HIGHWAY ENGINEERING AND SURVEYING

Acting Professor DOWNS and Assistant Professor NELSON.

STRUCTURAL, HYDRAULIC, AND SANITARY ENGINEERING

Professors DAVIS and CARPENTER.

Undergraduate Division

1.* Surveying. II. 1 Hr.
Primarily for freshmen. Prerequisite: Math. 4. Mr. NELSON.

2.* Land Surveying. I, II. 3 Hrs.
Prerequisite: Math. 4. Mr. NELSON.

3.* Advanced Surveying. I, II. 2 Hrs.
Continuation of C. E. 2. Mr. NELSON.

4. Topographical Surveying. I. 2 Hrs.
Prerequisite: C. E. 3. Mr. NELSON.

5s. Surveying. S. 1 Hr.
Summer Session; first six working days after close of second semester, 8:00-12:00 and 1:00-5:00. Prerequisite: C. E. 4.
Mr. NELSON.

10.* Structural Drafting. I. 2 Hrs.
Prerequisite: M. E. 22. Mr. CARPENTER.

101. Railway Location. I. 3 Hrs.
Prerequisite: C. E. 4. Mr. NELSON.

102. Railway Construction and Maintenance. I. 3 Hrs.
Prerequisite: C. E. 101. Mr. DOWNS.

103. Railway Economy. II. 2 Hrs.
Prerequisite: C. E. 102. Mr. DOWNS.

104. Roads and Pavements. I. 3 Hrs. Mr. DOWNS.

105. Highway Economics. II. 2 Hrs.
Continuation of C. E. 104. Mr. DOWNS.

106. Highway Laboratory. II. 2 Hrs.
Prerequisite: M. 102. Mr. NELSON.

107s. Railroad Surveying. S. 2 Hrs.
Surveying practice supplementing C. E. 101. Summer Session; last 12 working days before opening of first semester, 8:00-12:00 and 1:00-5:00. Mr. NELSON.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

115.* **Hydraulics.** I, II. 3 Hrs.
Prerequisite: M. 102 or 104 (or registration in M. 102 or 104).
Mr. DAVIS and Mr. CARPENTER.

116. **Water Supply Engineering.** I. 3 Hrs.
Prerequisite: C. E. 115. Mr. DAVIS and Mr. CARPENTER.

117. **Municipal Engineering.** I, II. 2 Hrs.
Prerequisite: C. E. 115. Mr. CARPENTER.

118. **Sanitary Engineering.** II. 3 Hrs.
Prerequisite: C. E. 115. Mr. CARPENTER.

120. **Materials of Construction.** I. 2 Hrs.
Prerequisite: M. 102. Mr. CARPENTER.

121. **Roofs and Bridges.** II. 4 Hrs.
Prerequisite: M. 102. Mr. DAVIS and Mr. CARPENTER.

122. **Structural Engineering.** I. 2 or 3 Hrs.
Prerequisite: M. 102. Mr. DAVIS and Mr. CARPENTER.

123. **Bridge Design.** I. 4 Hrs.
Prerequisite: C. E. 121. Mr. DAVIS and Mr. CARPENTER.

124. **Thesis.** I, II. 2 to 4 Hrs.
Special design, investigation, or original research of some assigned topic relating to civil engineering. STAFF.

200. **Water Power Engineering.** II. 2 Hrs.
Prerequisite: C. E. 115. Mr. DAVIS.

201. **Hydraulic Measurements.** I, II. 1 Hr.
Prerequisite: C. E. 115. Mr. DAVIS.

202. **Water Purification and Design.** I. 4 Hrs.
Prerequisite: registration in C. E. 116. Mr. CARPENTER.

203. **Sewage Disposal.** II. 3 Hrs.
Prerequisite: C. E. 115. Mr. CARPENTER.

204. **Advanced Structures.** II. 3 Hrs.
Prerequisite: C. E. 121. Mr. DAVIS and Mr. CARPENTER.

205. **Steel Building Design.** I, II. 3 Hrs.
Prerequisite: C. E. 121. Mr. DAVIS.

206. **Concrete Construction.** II. 3 Hrs.
Prerequisite: C. E. 121. Mr. DAVIS and Mr. CARPENTER.

207. **Foundations.** I. 3 Hrs.
Prerequisite: C. E. 121. Mr. DAVIS.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

Graduate Division

300. Thesis. I, II. Credit to be arranged.
Mr. DAVIS and Mr. CARPENTER.

301. Advanced Water Supply Engineering. I, II. Credit to be arranged. Prerequisite: C. E. 116. Mr. CARPENTER.

302. Sewerage and Sewage Disposal. I, II. Credit to be arranged. Prerequisite: C. E. 117. Mr. CARPENTER.

303. Advanced Design Problems. I, II. Credit to be arranged.
Mr. DAVIS and Mr. CARPENTER.

304. Advanced Water Power Engineering. I, II. Credit to be arranged. Prerequisite: C. E. 200. Mr. DAVIS.

305. Statically Indeterminate Structures. I, II. Credit to be arranged. Prerequisite: C. E. 204. Mr. DAVIS.

ELECTRICAL ENGINEERING

Professors FORMAN and HALL; and Instructors JONES and LIENAU.

Undergraduate Division

1. Electrical Construction. I, II. 2 Hrs.
Special construction work and assignment to engineering literature. Mr. HALL and STAFF.

100.* Elements of Electrical Engineering with Laboratory. I. 4 Hrs.
Primarily for juniors in electrical engineering. One laboratory period. Prerequisite: Physics 106. Mr. FORMAN and Mr. JONES.

101.* Applied Electricity. I, II. 4 Hrs.
Primarily for juniors in civil engineering. One laboratory period. Prerequisite: Physics 106. Mr. JONES.

102.* Elements of Electrical Engineering. I. 4 Hrs.
For students in mechanical and chemical engineering. Accompanied by electrical laboratory. Mr. HALL and STAFF.

103.* Elements of Electrical Engineering. II. 4 Hrs.
Continuation of E. E. 102. Mr. HALL and STAFF.

104. Illumination. II. 2 Hrs.
Prerequisite: Physics 106. Mr. FORMAN.

105. Thesis. I, II. 2 to 5 Hrs.
Special investigation or original research on some topic relating to electrical engineering. Mr. FORMAN and Mr. HALL.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

110. Elements of Electrical Engineering. I. 5 Hrs.
For students in chemical engineering. Accompanied by electrical laboratory. Mr. HALL and STAFF.

200.* Direct Current Machinery. II. 4 Hrs.
To follow E. E. 100. Mr. HALL and STAFF.

201.* Alternating Current Theory and Measurements. II. 3 Hrs.
Prerequisite: E. E. 100. Mr. FORMAN and Mr. JONES.

202.* Alternating Current Machinery. I. 3 Hrs.
To follow E. E. 201. Accompanied by E. E. 205. Mr. FORMAN.

203.* Alternating Current Machinery. II. 3 Hrs.
Continuation of E. E. 202. Mr. FORMAN.

204. Electrical Design and Calculations. I. 3 Hrs.
Prerequisite: E. E. 102 or 200. Mr. HALL and Mr. JONES.

205.* Electrical Engineering Laboratory. I. 2 Hrs.
To accompany E. E. 202. Mr. FORMAN and Mr. JONES.

206.* Advanced Electrical Laboratory. II. 2 Hrs.
Prerequisite: E. E. 202 and 205. Mr. FORMAN and Mr. JONES.

207. Electrical Transmission. I. 3 Hrs.
Prerequisite: E. E. 201. Mr. HALL.

208. Electric Design. II. 2 Hrs.
Prerequisite: E. E. 207. Mr. HALL and Mr. JONES.

209. Electric Traction. II. 2 Hrs.
Prerequisite: E. E. 202. Mr. HALL.

210. Rate Making Contracts and Metering. II. 2 or 3 Hrs.
A study of factors involved in the metering, buying and selling of electrical energy. Mr. HALL.

211. Electrical Problems. I, II. Credit to be arranged. Mr. FORMAN.

212. Transients, Surges, and Electric Waves. II. 3 Hrs.
Prerequisite: E. E. 202. Mr. FORMAN.

213. Electric Power Transmission and Distribution. II. 3 Hrs.
Advanced theory and calculations of transmission lines and networks. Prerequisite: E. E. 207. Mr. HALL.

214. Industrial Applications of Electricity. II. 3 Hrs.
Prerequisite: E. E. 103 or 202. Mr. HALL.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

215. High Tension Dielectric Phenomena. II. 3 Hrs.
Prerequisite: E. E. 201. Mr. FORMAN.

216. Telephone Engineering. II. 3 Hrs.
Prerequisite: E. E. 201. Mr. FORMAN.

Graduate Division

300. Thesis. I, II. Credit to be arranged.
Advanced research or special investigations on some topic related to electrical engineering. Mr. FORMAN or Mr. HALL.

INDUSTRIAL EDUCATION

Professor MACLIN.

Undergraduate Division

101.* Vocational Education. II. 2 Hrs.
This course is offered primarily for superintendents, principals, and vocational teachers. It is designed to acquaint them with the influences which tend to broaden educational activities, to apprise them of the nature of Federal and State aid, to familiarize them with the types of work suitable for different communities and to inform them regarding the qualifications of teachers.
Mr. MACLIN.

102. Methods of Foreman Training. II. 2 Hrs.
An analysis of the job of foreman, organization of foreman training classes in industrial plants, the foreman as a teacher.
Mr. MACLIN.

103.* Part-Time Education. II. 2 or 3 Hrs. Mr. MACLIN.

104. Occupational and Case Analysis in Vocational Guidance. II. 2 Hrs.
Methods of making occupational analysis; the directing of students in securing vocational information; ways of giving guidance to pupils. Mr. MACLIN.

105.* Vocational and Educational Guidance. II. 2 Hrs. Mr. MACLIN.

124. Methods of Teaching. II. 2 Hrs.
Some practice teaching. Prerequisite: I. E. 164. Mr. MACLIN.

164. Materials, Organization and Administration. I. 2 Hrs.
The organization of vocational schools, classes, and subject matter for the purpose of teaching. Mr. MACLIN.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

MECHANICAL ENGINEERING

DRAWING, MACHINE DESIGN, MACHINE CONSTRUCTION, AND INDUSTRIAL ENGINEERING

Professors HAYES and GILL; Assistant Professor GROW and WHITE; Instructors WEST, SEAMAN, H. M. CATHER, CARL, and GNAGEY; and Assistant STILLMAN.

POWER ENGINEERING

Professor GRUMBEIN; and Instructors AMIDON and H. M. CATHER.

Undergraduate Division

1.* **Pattern Making.** I, II. 1 Hr.
Two three-hour periods, one-half semester only.
Mr. SEAMAN and Mr. STILLMAN.

2.* **Woodworking.** I. 2 Hrs. Mr. SEAMAN.

3.* **Woodworking.** I, II. 2 Hrs.
Prerequisite: M. E. 2. Mr. SEAMAN and Mr. STILLMAN.

4.* **Pattern Making.** I, II. 2 Hrs.
Two three-hour periods. Prerequisite: M. E. 1 and 5.
Mr. SEAMAN and Mr. STILLMAN.

5.* **Foundry Work.** I, II. 2 Hrs.
Two three-hour periods. Mr. SEAMAN and Mr. CARL.

7.* **Forging.** I, II. 1 Hr.
Two three-hour periods, one-half semester only. Mr. WEST.

9.* **Shop Work.** I. 2 Hrs.
For civil and mining engineering students only. Two three-hour periods. Mr. GILL and STAFF.

10.* **Pipefitting.** I, II. 1 Hr.
Two three-hour periods, one-half semester only. Mr. WEST.

11.* **Machine Work.** I, II. 2 Hrs.
Two three-hour periods. Mr. GILL and Mr. GNAGEY.

12.* **Machine Work.** I, II. 1 Hr.
Two three-hour periods, one-half semester. Continuation of M. E. 11, which is prerequisite. Mr. GILL and Mr. GNAGEY.

13s.* **Machine Work.** S. 3 Hrs.
Equivalent to M. E. 11 and 12. Summer Session, four hours per day for six weeks. Mr. GILL and Mr. GNAGEY.

14.* **Machine Work.** I, II. 1 Hr.
Two three-hour periods, one-half semester. Continuation of M. E. 11 and 12 or 13, which are prerequisite. Mr. GILL and Mr. GNAGEY.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

20.* **Mechanical Drawing.**[1] I, II. 2 Hrs.
Two three-hour periods. Mr. GROW and STAFF.

22.* **Mechanical Drawing.** I, II. 2 Hrs.
Continuation of M. E. 20. Two three-hour periods.
Mr. GROW and STAFF.

23. **Mechanical Drawing.** I. 2 Hrs.
Continuation of M. E. 22. For mining engineering students only.
Mr. CATHER.

24.* **Empirical Design.** I, II. 2 Hrs.
Continuation of M. E. 22. Two three-hour periods. Prerequisite: M. E. 11 or 13s. Mr. GROW and STAFF.

26.* **Descriptive Geometry.** I, II. 3 Hrs.
Three periods. Prerequisite: M. E. 20 and solid geometry.
Mr. HAYES and STAFF.

29.* **Mechanism.** I, II. 4 Hrs.
Lectures, recitations and drawing problems. Two one-hour and two three-hour periods. Prerequisite: M. E. 22 and 26.
Mr. HAYES and STAFF.

101.* **Woodworking.** I, II. 2 Hrs.
Continuation of M. E. 3. Mr. SEAMAN and Mr. STILLMAN.

103.* **Foundry Work.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 5. Mr. SEAMAN and Mr. CARL.

104.* **Forging.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 7. Mr. WEST.

105.* **Machine Construction.** I, II. 2 Hrs.
Continuation of M. E. 14. Two three-hour periods.
Mr. GILL and Mr. GNAGEY.

106.* **Shop Methods.** II. 2 or 3 Hrs.
Continuation of M. E. 105. Two three-hour periods. Mr. GILL.

107.* **Machine Construction.**
Semester and credit to be arranged. Advanced work for special students. Continuation of M. E. 105 and 106. Mr. GILL.

111. **Machine Design.** I, II. 2 Hrs.
To accompany M. E. 112. Two periods. Prerequisite: M. 102, and M. E. 29. Mr. HAYES.

112. **Machine Drawing.** I, II. 2 Hrs.
To accompany M. E. 111. Two three-hour periods.
Mr. HAYES and STAFF.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

[1]All students must furnish their own drawing instruments. These may be procured through the University book store at reduced rates. The present cost of instruments of the grade desired is approximately $25.00. Instruments suitable for temporary use only can be furnished at a cost of about $15.00.

120. **Heat Engineering.** I. 3 Hrs.
Arranged especially for civil engineering students. Prerequisite: Physics 105 and 107, and Math. 108. Mr. AMIDON.

122. **Mechanical Laboratory.** I. 2 Hrs.
Prerequisite: Physics 106, and M. 101, and accompanying M. E. 120 or 121. Mr. GRUMBEIN and Mr. AMIDON.

123. **Engineering Laboratory.** I. 2 Hrs.
Prerequisite: M. E. 122. Mr. GRUMBEIN and Mr. AMIDON.

124. **Thesis.** I, II. 2 to 4 Hrs.
Investigation or original research on some special topic relating to Mechanical Engineering. Mr. GRUMBEIN and Mr. HAYES.

201. **Advanced Machine Design.** I. 2 Hrs.
Continuation of M. E. 111. To accompany M. E. 202. Lectures and recitations. Two periods. Mr. HAYES.

202. **Designing and Drawing.** I. 2 Hrs.
To accompany M. E. 201. Two three-hour periods.
Mr. HAYES and STAFF.

205. **Industrial Engineering.** I. 3 Hrs.
Three periods. Mr. HAYES.

206. **Industrial Engineering.** II. 3 Hrs.
Three periods. Prerequisite: M. E. 205. Mr. HAYES.

207.* **Industrial Engineering.** II. 3 Hrs.
Three periods. Mr. HAYES.

221.* **Thermodynamics of Engineering.** I. 3 Hrs.
Prerequisite: Physics 105 and 107, and Math. 108.
Mr. GRUMBEIN.

222.* **Heat Engines.** II. 3 Hrs.
Continuation of M. E. 221. Mr. GRUMBEIN.

223.* **Steam Power Plants.** I. 3 Hrs.
Prerequisite: M. E. 221. Mr. GRUMBEIN.

224. **Steam Turbines.** I. 3 Hrs.
Prerequisite: M. E. 222. Mr. AMIDON.

225. **Gas Engines and Gas Engineering.** II. 3 Hrs.
Fuel gases, gas production and transmission, gas engines, etc. Prerequisite: M. E. 222. Mr. AMIDON.

226.* **Heating and Ventilating.** II. 2 or 3 Hrs.
Prerequisite: M. E. 221 or 120. Mr. GRUMBEIN.

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

227. **Steam Power Plant Design.** II. 2 Hrs.
Continuation of M. E. 223. Two three-hour periods.
Mr. CATHER.

228. **Engineering Laboratory.** II. 2 Hrs.
Prerequisite: M. E. 123. Mr. GRUMBEIN and Mr. AMIDON.

Graduate Division

300. **Thesis.** I, II. Credit to be arranged.
Investigation or original research on some special topic relating to mechanical engineering. Mr. GRUMBEIN or Mr. HAYES.

301. **Engineering Laboratory.** I, II. Credit will be given on the basis of the time spent in laboratory and the progress of the student. Commercial tests and research work. Mr. GRUMBEIN.

MECHANICS

Professor BOOMSLITER and Assistant Professor CATHER.

Undergraduate Division

101.* **Statics.** I, II. 3 Hrs.
Prerequisite: Math. 108 (or registration in Math. 108), and Physics 105 and 107. Mr. BOOMSLITER and Mr. CATHER.

102.* **Mechanics of Materials.** I, II. 4 Hrs.
Prerequisite: M. 101. Mr. BOOMSLITER and Mr. CATHER.

103. **Materials Testing Laboratory.** I, II. 1 Hr.
Prerequisite: Registration in M. 102.
Mr. BOOMSLITER and Mr. CATHER.

104.* **Kinetics.** I, II. 3 Hrs.
Continuation of M. 101. Prerequisite: M. 101.
Mr. BOOMSLITER and Mr. CATHER.

202. **Materials Research.** I or II. 2 to 4 Hrs.
Prerequisite: M. 102. Mr. BOOMSLITER.

Graduate Division

300. **Advanced Mechanics of Materials.** I. 3 Hrs.
Prerequisite: M. 101 and 102. Mr. BOOMSLITER.

301. **Advanced Kinetics.** II. 3 Hrs.
Prerequisite: M. 101 and 104. Mr. BOOMSLITER.

MINING ENGINEERING

(See pages 299 and 300.)

PHYSICAL EDUCATION

(See pages 308 to 313.)

*May be taken as undergraduate work in colleges other than the College of Engineering and Mechanic Arts.

GENERAL

Undergraduate Division

1. **Engineering Lectures.** I. (No credit).
Required of all freshmen in engineering. A series of lectures designed to acquaint the engineering student at the beginning of his course with the profession he has chosen. Factors determining choice of engineering as a profession; the various kinds of engineering and the ability, training, opportunity, and responsibilities involved in each; problems and difficulties of the engineering student; the engineering point of view as applied to the student's daily environment and college life. Mr. BOOMSLITER.

101. **Engineering Society.** I. ½ Hr.
Primarily for juniors. Required of all candidates for degrees in engineering. Membership, attendance, and active participation in the Engineering Society. Mr. GRUMBEIN and COMMITTEE.

102. **Engineering Society.** II. ½ Hr.
Continuation of G. 101. For juniors.
Mr. GRUMBEIN and COMMITTEE.

103. **Engineering Society.** I. ½ Hr.
For seniors. Required of all candidates for degrees in engineering. Continuation of G. 101 and 102.
Mr. GRUMBEIN and COMMITTEE.

104. **Engineering Society.** II. ½ Hr.
Continuation of G. 103. For seniors.
Mr. GRUMBEIN and COMMITTEE.

105s. **Summer Practice.** S. 2 Hrs.
Required of all candidates for degrees in engineering. At least six weeks of practical experience in some branch of engineering activity, preferably of a character that will articulate with the student's major subject. Students are recommended to spend all vacation periods in practical work but under exceptional circumstances the Faculty of the College of Engineering may permit the substitution of an approved practical course taken in residence. Application for summer credit should be made before beginning the work; and the work done should be certified and reported in accordance with the special rules for Summer Practice, on or before October 1, after the work has been done. Work may be done during any vacation period.

106s. **Shopwork.** S. 3 Hrs.
Summer shop practice out of residence required for the degree of B. S. in Industrial Education. This work is to be along the line of the major or minor group.

107s. **Shopwork.** S. 2 Hrs.
Continuation of G. 106s. For students in industrial education.

110. **Business Law.** I, II. 3 Hrs.
General principles of business law. The law of contracts. Standard contract forms. Prerequisite: Economics 103, or 1 and 2, and M. 102. Mr. BOOMSLITER.

LAW[1]

Professors HARDMAN, CARLIN, DICKINSON, and SIMONTON; Associate Professors FORDHAM and BILLIG; Assistant Professor HORACK; and Lecturer DONLEY.

(For explanation of abbreviations, see page 212.)

FIRST YEAR

***Agency (Including Workmen's Compensation).** 4 Hrs.

Four hours a week in the second semester. Wambaugh, Cases on Agency (2d ed.). Mr. HORACK.

***Contracts.** 6 Hrs.

Three hours a week throughout the year. Huffcutt & Woodruff, Cases on Contracts. Mr. BILLIG.

***Criminal Law and Procedure.** 4 Hrs.

Four hours a week in the first semester. Sayre, Criminal Law and Criminal Procedure. Mr. HORACK.

***Introduction to Procedure.** 2 Hrs.

Two hours a week in the first semester. Sunderland, Cases on Common Law Pleading and selected cases and readings. Mr. SIMONTON.

***Personal Property.** 2 Hrs.

Two hours a week in the first semester. Bigelow, Cases on Property. Vol. I. Mr. CARLIN.

***Real Property I.** 4 Hrs.

Four hours a week in the second semester. Bigelow, Introduction to the Law of Real Property and Aigler, Cases on Titles (2d ed.). Mr. SIMONTON.

***Torts.** 6 Hrs.

Three hours a week throughout the year. Wilson's Cases on Torts. Mr. DICKINSON.

SECOND YEAR

***Common Law Pleading (Including Drafting of Pleadings).** 4 Hrs.

Four hours a week in the second semester. Sunderland, Cases on Common Law Pleading. Mr. CARLIN.

***Equity Jurisdiction I.** 4 Hrs.

Four hours a week in the first semester. Cook's Cases on Equity. Mr. FORDHAM.

***Evidence.** 4 Hrs.

Four hours a week in the first semester. Thayer, Cases on Evidence (2d ed.). Mr. HARDMAN.

[1]The program of courses as here given is subject to change. On petition, the Committee on Scholarship in its discretion may permit a student to take for law credit either Political Science 223 or Public Speaking 213 or 220. For detailed description of these courses, see pages 263 and 266.

*Required courses.

Negotiable Instruments. 3 Hrs.

Three hours a week in the second semester. Smith and Moore, Cases on Bills and Notes (2d ed.). Mr. DICKINSON.

Persons and Domestic Relations. 2 Hrs.

Two hours a week in the second semester. McCurdy, Cases on Persons. Mr. HORACK.

*Real Property II. 2 Hrs.

Two hours a week in the first semester. Bigelow, Cases on Rights in Land (part). Mr. SIMONTON.

Real Property III. 4 Hrs.

Four hours a week in the second semester. Bigelow, Cases on Rights in Land (part) and Powell, Cases on Future Interests. Mr. SIMONTON.

Sales of Personal Property. 3 Hrs.

Three hours a week in the first semester. Woodward, Cases on Sales (2d ed.). Mr. BILLIG.

Trusts. 4 Hrs.

Four hours a week in the second semester. Scott, Cases on Trusts (2d ed.). Mr. FORDHAM.

Wills and Administration. 2 Hrs.

Two hours a week in the first semester. Mechem and Atkinson, Cases on Wills and Administration. Mr. BILLIG.

Quasi-Contracts. 3 Hrs.

Three hours a week in the second semester. Thurston, Cases on Quasi-Contracts. Mr. HORACK.

Use of Law Books. 1 Hr.

One hour a week in the first semester. Law Books and Their Use (3rd ed.). Mr. DONLEY.

THIRD YEAR

Bankruptcy. 2 Hrs.

Two hours a week in the second semester. Billig and Carey, Cases on the Administration of Insolvent Estates (mimeographed). Mr. BILLIG.

Conflict of Laws. 4 Hrs.

Four hours a week in the first semester. Beale, Cases on Conflict of Laws. Mr. DICKINSON.

Constitutional Law. 4 Hrs.

Four hours a week in the first semester. McGovney, Cases on Constitutional Law. Mr. HORACK.

Drafting Legal Instruments. 1 Hr.

One hour a week in the second semester. See page 192 for information as to the work in this course. Mr. CARLIN.

Equity Jurisdiction II. 2 Hrs.

Two hours a week in the second semester. Chafee, Equitable Relief Against Torts. Mr. FORDHAM.

Equity Pleading and Practice. 2 Hrs.

Two hours a week in the first semester. Clephane on Equity Pleading and Practice and selected cases and statutes. Mr. CARLIN.

Municipal Corporations. 2 Hrs.

Two hours a week in the first semester. Macy, Cases on Municipal Corporations. Mr. FORDHAM.

Practice and Procedure. 4 Hrs.

Four hours a week in the first semester. Munson, Elementary Practice, selected cases, statutes, and lectures. See page 191 for information as to work in this course. Mr. CARLIN.

Practice Court. 3 Hrs.

Court sessions and lecture periods in the second semester as specified by the Faculty. See page 191 for information as to work of the practice court. Mr. CARLIN and JUDGES.

Private Corporations. 4 Hrs.

Four hours a week in the first semester. Warren, Cases on Private Corporations (2d ed.). Mr. SIMONTON.

Public Utilities. 4 Hrs.

Four hours a week in the second semester. Smith and Dowling, Cases on Public Utilities. Mr. HARDMAN.

MEDICINE[1]

ANATOMY

Professors S. J. MORRIS and DODDS; Associate Professor MCGAW; Instructor TAYLOR; and Assistants TALBOTT and LOVETT.

GROSS ANATOMY AND NEUROLOGY

Undergraduate Division

1. Anatomy. II. 4 Hrs.

For physical education students only. Dr. MORRIS.

101. Gross Anatomy. I. 7 Hrs.

Required of all first-year medical students. Lectures and recitations 72 hours; laboratory 195 hours. Dr. MORRIS and STAFF.

102. Gross Anatomy. II. 3 Hrs.

Required of all first-year medical students. Continuation of Anatomy 1. Lectures 54 hours; laboratory 108 hours.
Dr. MORRIS and STAFF.

[1]For explanation of abbreviations, see page 212. Staff members whose names are preceded by the abbreviation "Dr." have been admitted to the practice of medicine in West Virginia.

103. **Neurology.** II. 3 Hrs.
Required of all first-year medical students. Lectures, 36 hours; laboratory 72 hours. Second half of semester. Prerequisite: Histology 1. Dr. MORRIS and STAFF.

106. **Applied Anatomy.** II. 2 Hrs.
Required of all second-year medical students. Lectures, 36 hours. Prerequisite: Anatomy 101 and 102. Dr. MORRIS.

109. **Advanced Anatomy.** (Credit to be arranged).
Open to properly qualified students. Dr. MORRIS.

110. **Anatomy of Eye, Ear, and Nose.** (Credit to be arranged).
Open to properly qualified students. Dr. MORRIS.

HISTOLOGY AND EMBRYOLOGY

Undergraduate Division

104. **Histology.** I. 5 Hrs.
Required of all first-year medical students. Lectures, 36 hours; laboratory, 144 hours. Mr. DODDS and STAFF.

105. **Embryology.** II. 3 Hrs.
Required of all first-year medical students. Lectures, 36 hours; laboratory, 72 hours. Prerequisite: Histology 104.
Mr. DODDS and STAFF.

107. **Advanced Histology.** I, II. (Credit to be arranged).
Open to properly qualified students. Laboratory work and study of current literature. Mr. DODDS.

108. **Advanced Embryology.** I or II. (Credit to be arranged).
Open to properly qualified students. Mr. DODDS.

BIOCHEMISTRY

Instructor RAFFERTY; and Assistants POWELL and THORNHILL.

Undergraduate Division

101. **Biochemistry.** I. 6 Hrs.
Lectures, 54 hours; laboratory, 180 hours.
Mr. RAFFERTY and STAFF.

202. **Chemistry of the Carbohydrates, Fats, and Proteins.** I. 5 Hrs.
Lectures, two per week. Laboratory, 6 hours per week. Prerequisite: inorganic chemistry, qualitative analysis, and organic chemistry. Mr. RAFFERTY.

203. Chemistry of Digestion, Metabolism, and Excretion. II. 5 Hrs.
Lectures, two per week. Laboratory, 6 hours per week.
Mr. RAFFERTY.

204. Quantitative Methods of Urine and Blood Analysis. II. 5 Hrs.
Lectures, two per week. Laboratory, 6 hours per week.
Mr. RAFFERTY.

206. Biochemical Preparations. I or II. 3 Hrs. Mr. RAFFERTY.

207. Biochemical Preparations. I or II. 3 Hrs. Mr. RAFFERTY.

MEDICINE

Professors SIMPSON and VAN LIERE; and Instructors BRAY and MAXWELL.

Undergraduate Division

101. Physical Diagnosis. II. 2 Hrs.
Required of second-year medical students. An introductory course in the study of the taking of medical histories and the examination of patients. Lectures, 2 hours; Laboratory, 2 hours.
Sec. A, Dr. BRAY; sec. B, Dr. MCGAW; sec. C, Dr. MAXWELL.

102. Theoretical Medicine. II. 2 Hrs.
Recitations upon the more common diseases with the application of the principles taught in Medicine 101. Dr. SIMPSON.

107. Obstetrics. I. 2 Hrs.
Introductory course in obstetrics. Lectures, 36 hours.
Dr. VAN LIERE.

PATHOLOGY AND BACTERIOLOGY

Professors FENTON and SPRAY; Instructor MOODY; and Assistants VAN HORN and THORNHILL.

Undergraduate Division

101. General Pathology. I. 6 Hrs.
Required of second-year medical students. Lectures, demonstrations, and laboratory work. Prerequisite: physiological chemistry, histology, physiology, anatomy, and bacteriology.
Dr. FENTON and STAFF.

102. Pathology of Infectious Granulomas and Tumors. II. 3 Hrs.
Required of second-year medical students. Lectures, recitations, and laboratory work. Prerequisite: Pathology 101.
Dr. FENTON and STAFF.

103. **Clinical Pathology.** II. 3 Hrs.
Required of second-year medical students. A laboratory course in blood, gastric contents, etc., and their pathological and clinical significance. Prerequisite: Bacteriology 105, physiology, and biochemistry. Dr. FENTON and STAFF.

105. **Medical Bacteriology.** I, II. 5 Hrs.
Required of first-year medical students. Mr. SPRAY and STAFF.

106. **Hygiene.** I. 2 Hrs.
Required of second-year medical students. Mr. SPRAY.

207. **Pathology (Special).** I or II. 3 Hrs.
Microscopic and gross specimens from selected autopsies. Prerequisite: Pathology 101 and 102. Dr. FENTON.

208. **Advanced Bacteriology.** I. (Credit to be arranged).
Open to graduates and advanced students. Mr. SPRAY.

Graduate Division

308. **Advanced Bacteriology.** I or II. (Credit to be arranged).
Mr. SPRAY.

309. **Experimental Pathology.** I or II. (Credit to be arranged).
Dr. FENTON.

PHARMACOLOGY

Professor BONAR; Instructor RAFFERTY; and Assistants POWELL and THORNHILL.

Undergraduate Division

101. **Chemical Pharmacology.** II. 1 Hr.
Three hours per week (54 hours). Mr. RAFFERTY and STAFF.

102. **Pharmacodynamics.** II. 2 Hrs.
For second-year medical students. Five hours per week (90 hours). Conference and demonstrations. Dr. BONAR and STAFF.

103. **Systematic Pharmacology.** I. 3 Hrs.
For second-year medical students. Three hours per week (54 hours). Dr. BONAR.

104. **Systematic Pharmacology.** II. 3 Hrs.
Continuation of course 103. Three hours per week (54 hours).
Dr. BONAR and STAFF.

111. **Bio-Assay.** I, II. (Credit according to work done).
Open to properly qualified students. Special pharmacodynamics. Hours to be arranged. Dr. BONAR and STAFF.

112. Toxicology. I. 2 Hrs.
A special course devoted to the study of the methods—chemical and biological—of detecting poisons of medico-legal interests. (Total, 72 hours). Prerequisite: Pharmacology 101 and 102.
Mr. RAFFERTY.

213. Pharmacology Research. II. (Credit to be arranged).
Problems open to specially interested students with proper qualifications. Hours to be arranged. Dr. BONAR.

PHYSIOLOGY

Professor VAN LIERE; Associate Professor CRISLER; and Assistant ROBINSON.

Undergraduate Division

101. Physiology. II. 4 Hrs.
Elementary course for pharmacy students.
Dr. CRISLER and STAFF.

102. Physiology. II. 2 Hrs.
Physiology of muscle, nerve, and blood. Dr. VAN LIERE and STAFF.

103. Physiology. I. 7 Hrs.
Physiology of circulation, respiration, digestion, metabolism, secretion, central nervous system, and special senses.
Dr. VAN LIERE and STAFF.

104. Physiology. II. 1 Hr.
Physiology of internal secretion. Dr. CRISLER.

105. Seminar in Physiology. Yr. (No credit).

Graduate Division

306. Physiology. I or II. (Credit to be arranged).
Research in physiology, leading to the Master of Science degree.
Dr. VAN LIERE and Dr. CRISLER.

INTRODUCTORY SURGERY

Instructor PRIDE.

Undergraduate Division

101. Surgery and Operative Technique. II. 3 Hrs.
Required of second-year medical students. Dr. PRIDE.

MILITARY SCIENCE AND TACTICS

Professor FLETCHER,[1] Assistant Professors WHIPPLE, SMITH,[2] NESBIT, WHITESIDES,[3] STRONG,[1] and ADAMS; Assistants SCHULTZ, DEABORN, and YOUNG; and Graduate Assistants MINNICH, MALONE, PATTERSON, RILEY, LARGENT, and SWING.

BASIC[4]

1. Military Science. I. 1 Hr.
   Infantry—drill and command, military courtesy, and rifle marksmanship; engineers—drill and command, military courtesy, rifle marksmanship, and military bridges.

2. Military Science. II. 1 Hr.
   Infantry—drill and command, National Defense Act, and scouting and patrolling; engineers—drill and command, National Defense Act, scouting and patrolling, and hygiene and first aid.

3. Military Science. I. 1 Hr.
   Infantry and engineers—drill and command, musketry, and automatic rifle.

4. Military Science. II. 1 Hr.
   Infantry and engineers—drill and command, scouting and patrolling, and combat principles.

ADVANCED[5]

105. Military Science. I. 1 Hr.
   Infantry—map-reading and military sketching, drill and command, and machine gun; engineers—map-reading and military sketching, drill and command, military explosives, and fortifications.

106. Military Science. II. 1 Hr.
   Infantry—drill and command, 37mm gun and 3 inch mortar, and combat principles; engineers—drill and command, military bridges, combat principles, and map-making and reproduction.

107. Military Science. I. 1 Hr.
   Infantry—drill and command, military law, Officers' Reserve Corps regulations, and combat principles; engineers—drill and command, military law, Officers' Reserve Corps regulations, combat principles, military roads and railways, engineer organization and duties.

108. Military Science. II. 1 Hr.
   Infantry—drill and command, military history and policy, administration, field engineering, and combat principles; engineers—drill and command, military history and policy, administration, military brdges, and engineer organization and duties (continued).

[1]Will return to service with troops, June, 1932.
[2]Detailed for duty at the University, January 16, 1932.
[3]Returned to service with troops, February 2, 1932.
[4]Basic military courses, three hours a week, compulsory for all male freshmen and sophomores not specifically exempt.
[5]Advanced military courses, optional, five hours a week.

MINING

Professor LAWALL and Assistant Professor STAAB.

(For explanation of abbreviations, see page 212.)

Undergraduate Division

101. Mine Surveying. II. 2 Hrs.
Prerequisite: C. E. 3. Mr. STAAB.

102s. Mine Surveying. S. 3 Hrs.
This course is a continuation of and gives practice supplementing E. M. 101. It must be taken during the summer term immediately following the semester in which E. M. 101 is taken. Summer term; 18 working days, 8:00-12:00 and 1:00-5:00.
Mr. LAWALL and Mr. STAAB.

106.* Elementary Mineralogy. I, II. 1 Hr.
Prerequisite: Chemistry 4. Mr. STAAB.

107. Mining Methods. II. 4 Hrs.
A study of the coal fields and mining methods of West Virginia and the United States, supplemented by field work in the vicinity of Morgantown. Inspection trips, with written reports, are required. Prerequisite: E. M. 111. Mr. STAAB.

111. Mining. I. 2 Hrs.
Prerequisite: Chemistry 6 and Physics 106. Mr. STAAB.

112. Coal Mining. II. 4 Hrs.
Prerequisite: E. M. 111. Mr. LAWALL.

113. Mine Ventilation. I. 3 Hrs.
Prerequisite: E. M. 112 and 107. Mr. LAWALL.

114. Mine Management. II. 1 Hr.
Prerequisite: E. M. 112. Mr. LAWALL.

115. Mine Design. I. 2 Hrs.
Prerequisite: E. M. 112, and registration in C. E. 122.
Mr. LAWALL and Mr. STAAB.

116. Mine Design. II. 3 Hrs.
Continuation of E. M. 115, which is prerequisite.
Mr. LAWALL and Mr. STAAB.

118. Mining Laboratory. II. 3 Hrs.
Prerequisite: E. M. 112 and 117. Mr. LAWALL.

120. Thesis. I, II. 2 to 4 Hrs.
An individual problem on some phase of mining. None but exceptional students having high scholastic standing will be permitted to elect this course. Mr. LAWALL and Mr. STAAB.

201. Oil and Gas Production. I. 2 Hrs.
Prerequisite: Geology 211. Mr. STAAB.

*May be taken by undergraduates in other colleges.

202. **Coal Laboratory.** I. 1 Hr.
Prerequisite: Chemistry 6. Mr. LAWALL.

203.* **Geological Surveying.** II. 2 Hrs.
Prerequisite: E. M. 101 and Geology 162. Mr. STAAB.

Graduate Division

300. **Thesis.** I, II. S. Credit to be arranged.
An individual problem in some phase of mining. A carefully prepared report is required. Mr. LAWALL and Mr. STAAB.

301. **Mining Investigations.** I. 3 to 10 Hrs.
Prerequisite: E. M. 111, 112, and 113. Mr. LAWALL.

302. **Mining Investigations.** II. 3 to 10 Hrs.
A continuation of E. M. 301. Mr. LAWALL.

MUSIC[1]

(All courses in Music are either undergraduate courses or undergraduate courses open to graduates. For explanation of abbreviations, see page 212.)

ENSEMBLE

Assistant Professor WOOD.

153. **Accompanying.** Yr. 2 Hrs.
The course furnishes opportunity to advanced students to acquire the art of accompanying songs and violin and cello solos.

155. **Chamber Music.** Yr. 2 Hrs.
The study of sonatas, trios and string quartettes by Haydn, Mozart, Beethoven, Bach, Handel, Mendelssohn, Gade, Grieg, etc. Open to violinists, cellists, pianists, and viola players.

PIANO[2]

Assistant Professor SHEPARD; and Instructors MOORE and SNEE.

24. **Intermediate Course.**[3] I, II. 2 Hrs.
Heeller, op. 47, Czerny, op. 299, Books 1 and 2, Bach easier compositions (little preludes and fuges, easier two-part inventions).

*May be taken by undergraduates in other colleges.

[1]Special students in applied music, not working for credit, take private half-hour lessons. Students registered for credit attend one-hour recitations in classes of two students each.

[2]After the first six weeks of the first semester, students taking work in the piano department will be given an examination to determine whether they are sufficiently advanced to apply for college credit. All piano students will be examined at least twice a year, in January and May, to determine the progress made. It is impossible to give a list of studies and pieces to be strictly adhered to, as the needs of the individual student must be considered. The material outlined, however, will give an idea of the work covered in the different courses.

[3]In cases in which students are not able to meet the requirements of Piano 24, they will be obliged to take piano work without credit until such a time as they can satisfactorily demonstrate their ability to meet the standard set in Piano 24.

Sonatinas, rondos, etc., by Clementi, Kuklak, Dussek, Hummel, Reinecke, Haydn, Mozart, Beethoven. Pieces selected to meet the requirements of the student. Mr. SHEPARD and STAFF.

25. **Intermediate Course.** I, II. 2 Hrs.
Continued study of the sonatinas, rondo and dance forms preparatory to the study of the standard sonatas. Mr. SHEPARD and STAFF.

26. **Intermediate Course.** I, II. 2 Hrs.
Czerny, op. 299, Books 3 and 4; Heller, op. 16, 45 and 46; Krause Trill Studies; Berens left hand studies; Bach two-part inventions; easier Cramer studies. Sonatas and variations by Haydn, Mozart, easier sonatas by Beethoven. Appropriate selections from classic and modern composers. Prerequisite: Piano 25.
Mr. SHEPARD and STAFF.

27. **Intermediate Course.** I, II. 2 Hrs.
A continuation of the study of the classics, stressing the works of Mozart, Bach, Haydn and the earlier compositions of Beethoven.
Mr. SHEPARD and STAFF.

128. **Intermediate Course.** I, II. 2 Hrs.
Cramer studies, continued. Bach three-part inventions. Sonatas by Beethoven. Selections from Schubert, Mendelssohn, Schumann, Chopin and MacDowell. An introduction to some of the more modern composers. Prerequisite: Piano 27.
Mr. SHEPARD and STAFF.

129. **Intermediate Course.** I, II. 2 Hrs.
Some of the easier preludes and fuges of Bach, selections from the Romantic period and some modern compositions by Debussy, Ranel Griffes and others. Mr. SHEPARD and STAFF.

130. **Advanced Course.** I, II. 2 Hrs.
Harberbier, op. 53; Bach preludes and fuges; Moscheles, op. 70 or 95, Chopin Etudes, op. 10 and 25, compositions of Brahms, Liszt, Chopin, Grieg and others. More difficult works of the modern and ultra-modern composers. Prerequisite: Piano 129. Mr. SHEPARD.

131. **Advanced Course.** II. 2 Hrs.
Continuation of study of the standard concertos and modern works by Whithorne, Scriabine, Dohnanyi and others. Graduation recital. Mr. SHEPARD.

132. **Sight Playing.** I, II. 1 Hr.
The work is arranged for classes of four or six, one hour per week, and consists of rhythmic scale work, transposition of simple hymn forms, study of the classics, such as overtures, quartettes and symphonies and the study of modern compositions. Miss MOORE.

133. **Sight Playing.** I, II. 1 Hr.
Continuation of course 132. Miss MOORE.

PIPE ORGAN

Instructor SNEE.

61. **First Year Course.** I, II. 2 Hrs.
Stainer's organ book; Rink's organ school; Schneider's pedal studies. Mrs. SNEE.

62. **First Year Course.** I, II. 2 Hrs.
Technique; hymn playing and easy organ compositions. Mrs. SNEE.

63. **Second Year Course.** I, II. 2 Hrs.
Grade II. Buck's studies in pedal phrasing; Bach short preludes and fuges; easier sonatas of Guilmant; organ pieces by Hollins. Mrs. SNEE.

64. **Second Year Course.** I, II. 2 Hrs.
Technique; easier sonatas of Mendelssohn; organ pieces by Lemare and Rhineberger. Mrs. SNEE.

165. **Third Year Course.** I, II. 2 Hrs.
Larger works by Bach, more difficult sonatas of Guilmant; pieces by Bubois and Salome. Mrs. SNEE.

166. **Third Year Course.** I, II. 2 Hrs.
Sonatas by Mendelssohn and Rhineberger; pieces by Lemmens, Grison, etc. Continuation of Bach larger works. Mrs. SNEE.

167. **Fourth Year Course.** I, II. 2 Hrs.
Handel concerto; wider symphonies; Bach, Toccato and Fugue. Mrs. SNEE.

168. **Fourth Year Course.** II. 2 Hrs.
Graduation recital program. Mrs. SNEE.

PUBLIC SCHOOL MUSIC[1]

Assistant Professor HINKEL; Professor BLACK; and Assistant Professor WOOD.

MUSIC

73. **Sight Singing.** I, II. 3 Hrs.
The reading of music involving difficult intervals, complicated rhythms, chromatic melody, modulations, etc., two-part singing. Mr. BLACK.

74. **Sight Singing.** II. 3 Hrs.
Three and four-part singing, Canons, Polphony, etc. Mr. BLACK.

75. **Ear Training.** I, II. 3 Hrs.
Rhythmic and melodic dictation. Tonal relationships of the major and minor scales, introducing chromatic intervals, and simple time problems. Mr. BLACK.

76. **Ear Training.** II. 3 Hrs.
More difficult rhythms and intervals. Song analysis. Mr. BLACK.

92. **Orchestra Class**[1] I, II. 1 Hr.
Study of the cornet and trombone in classes. Tone production, simple exercises and scales, easy pieces, fingering of cornet, posi-

tions of the slide trombone and their relationship. Literature of brass instruments. Mitchell's Class Method will be the text used. Mr. WOOD.

93. **Orchestra Class.**[1] I, II. 1 Hr.
Study of the clarinet and flute. Boehm and Albert systems. Tone production, simple scales and exercises. Mitchell's Class Method will be the text used. Mr. WOOD.

179. **Music Appreciation.** I. 3 Hrs.
The structure, development, and aesthetic content of the art of music. Analytical study of the smaller forms of musical composition from the standpoint of the listener to develop a taste for and an understanding of the best music. Illustrations from the works of the masters. Required of all music students. Prerequisite: Public School Music 75 and 76. Miss HINKEL.

180. **Music Appreciation.** II. 3 Hrs.
Analytical study of masterpieces in the large forms of musical composition. Illustrations from the masters. Required of all music students. Prerequisite: Public School Music 179. Miss HINKEL.

194. **Orchestra Class.**[1] II. 1 Hr.
Study of the violin, viola, and cello. Scales, simple pieces, exercises, positions, tuning, etc. Mr. WOOD.

197. **Orchestra Class.**[1] I, II. 1 Hr.
Playing in band or orchestra for the purpose of acquiring actual experience. Band and orchestra material. Mr. WOOD.

MUSIC EDUCATION

169. **Materials and Methods of Teaching High School Music.** I, II. 2 Hrs.
Required for certification of high school music teachers. Prerequisite: Ed. M. and M. 120. Miss HINKEL.

188. **High School Music.** I. 2 Hrs.
Open to seniors. High school methods and materials, including chorus, orchestra, glee clubs, conducting, music appreciation, harmony, credit for outside music study. Observation and practice. Miss HINKEL and STAFF.

224. **Student Teaching.** I, II. 3 Hrs.
Required for certification of high school music teachers. Prerequisite: Ed. M. and M. 120. Miss HINKEL.

THEORY OF MUSIC

Assistant Professors SHEPARD and WOOD.

1. **Introductory Harmony.** I. 2 Hrs.
Keyboard harmony. Intervals, scales. Triad formation, etc. Prerequisite: at least one semester in piano.

2. **Intermediate Harmony.** II. 2 Hrs.
Keyboard harmony. Chords of dominant seventh and ninth. Prerequisite: Theory of Music 1.

[1]Students owning instruments are required to bring them with them; otherwise instruments will be rented for the class, and a small rental fee will be charged.

103. **Advanced Harmony.** I. 3 Hrs.
Modulation in various forms. Prerequisite: Theory of Music 1 and 2.

104. **Advanced Harmony.** II. 3 Hrs.
Altered and mixed chords. Elaboration of tone lines, etc.

105. **History of Music.** I. 2 Hrs.
The ancient period.

106. **History of Music.** II. 2 Hrs.
The classic period.

107. **History of Music.** I. 2 Hrs.
The romantic period.

108. **History of Music.** II. 2 Hrs.
Modern and current music.

109. **Elementary Counterpoint.** I. 2 Hrs.
Single melodic line. Association of two, three, four tone lines.

110. **Advanced Counterpoint.** II. 2 Hrs.
Modulation. Rhythmic diversity, etc.

111. **Analysis and Form.** I. 2 Hrs.
The smaller forms.

112. **Analysis and Form.** II. 2 Hrs.
The larger forms.

113. **Keyboard Harmony.** I. 1 Hr.
Playing of triads, fundamental and inverted positions, improvisation of short melodies, use of cadences, etc.

114. **Keyboard Harmony.** II. 1 Hr.
Harmonic equipment, freer use of melodic expressions, etc.

VIOLIN

Assistant Professor WOOD.

41. **Elementary Course.** I, II. 2 Hrs.
This course is arranged for those who are not sufficiently advanced to take up the collegiate courses that follow. Studies by Laoureux, Sevcik and Sitt, for easier forms of left hand technique. Bowing studies by Stoeving and solos by Bohm, Seitz, Raff, etc.

42. **First Year Course.** I, II. 2 Hrs.
Dont, op. 37, Schradieck technique violin school I, Sevcik, op. 3, solos by Bohm, Wieniawski, etc. Scales and arpeggios.

43. **First Year Course.** I, II. 2 Hrs.
Continuation of Dont, op. 37 and Schradieck 1. Easier Kruetzer etudes. Scales and arpeggios, solos by Vieuxtemps and concertos by de Beriot and Viotti.

44. **Second Year Course.** I, II. 2 Hrs.
Kruetzer studies continued, Schradieck technique violin school II, bowing studies of more advanced type, scales major and minor, Handel sonatas.

45. **Second Year Course.** I, II. 2 Hrs.
Etudes and other technical work continued from Violin 44. Solos and concertos by Wieniawski, Viotti, etc.

146. **Third Year Course.** I, II. 2 Hrs.
Fiorillo etudes, Sevcik, op. 1 book No. 4. Solos by Sarasate and Vieuxtemps.

147. **Third Year Course.** I, II. 2 Hrs.
Fiorillo etudes continued and etudes selected from Rovelli, Sevcik, op. 1 book No. 4, concertos by Spohr or Viotti.

148. **Fourth Year Course.** I, II. 2 Hrs.
Rode etudes and continuation of Sevcik, op. 1 book 4, sonatas for solo violin by Bach, concertos and solos by Mendelssohn, Saint-Saens and Wieniawski.

149. **Fourth Year Course.** I, II. 2 Hrs.
Rode etudes continued and Schradieck, op. 1, advanced solos continued for development of style and interpretation.

150. **Advanced Soloist Course.** I, II. 2 Hrs.
This course is arranged for those who desire work in repertoire.

VOICE

Professor BLACK and Assistant Professor HINKEL.

1. **First Year Course.** I, II. 2 Hrs.
Technique; scales, arpeggios, etc., vocalises, Panofka and Concone. Simple songs in Italian. Mr. BLACK.

2. **First Year Course.** I, II. 2 Hrs.
Technique; vocalises, Vaccai and Marchesi. Simple songs in Italian and English. Mr. BLACK.

3. **Second Year Course.** I, II. 2 Hrs.
Technique; scales, Lutgen, Concone, etc. Songs in Italian and English. Mr. BLACK.

4. **Second Year Course.** I, II. 2 Hrs.
Technique; scales, arpeggios, etc., Lamperti, Panofka, etc. Ensemble; duets, trios and quartets. Mr. BLACK.

105. **Third Year Course.** I, II. 2 Hrs.
Technique; Bona, Lutgen, Concone, Bordogni, etc. Arias from standard grand operas. Mr. BLACK.

106. **Third Year Course.** I, II. 2 Hrs.
Technique; Arias from standard oratorios. Ensemble. Mr. BLACK.

107. **Fourth Year Course.** I, II. 2 Hrs.
Technique; Lamperti, Concone, Aprile, etc. Continuation of Arias, oratorios, etc. Mr. BLACK.

108. **Fourth Year Course.** I, II. 2 Hrs.
Graduation recital program. Mr. BLACK.

109. **Choir.** Yr. 2 Hrs.
University Choir. Mr. BLACK.

110. **Choir.** Yr. 2 Hrs.
University Choir—second year. Mr. BLACK.

111. **Glee Club.** Yr. 2 Hrs. Mr. BLACK.

112. **Glee Club.** Yr. 2 Hrs. Miss HINKEL.

PHARMACY

Professor BERGY; Associate Professor HAYMAN; and Instructor GEILER.

(For explanation of abbreviations, see page 212.)

Undergraduate Division

1. **Theoretical Pharmacy.** I. 2 Hrs.
Lectures and recitations. (36 hours). Mr. GEILER.

2. **Pharmaceutical Arithmetic and Stoichiometry.** I. 3 Hrs.
Lectures and recitations. (54 hours). Mr. GEILER.

3. **Advanced Pharmaceutical Arithmetic.** II. 2 Hrs.
Continuation of Pharmacy 2. Lectures and recitations (36 hours). Mr. GEILER.

4. **Operative Pharmacy Lectures.** I. 2 Hrs.
Lectures and recitations (36 hours). Prerequisite: Pharmacy 1, 2, and 3. Mr. GEILER.

5. **Operative Pharmacy Laboratory.** I. 3 Hrs.
This course is carried in conjunction with Pharmacy 4. Laboratory (154 hours). Mr. GEILER.

6. **The Art of Compounding.** II. 4 Hrs.
Lectures and recitations (72 hours). Prerequisite: Pharmacy 4 and 5. Mr. BERGY.

7. **The Art of Compounding.** II. 2 Hrs.
Laboratory (100 hours). Prerequisite: Pharmacy 4 and 5. Mr. BERGY.

8. **Pharmaceutical Jurisprudence.** II. 1 Hr.
Lectures and recitations (18 hours). Mr. HAYMAN.

9. **Pharmaceutical Latin.** I. 2 Hrs.
Lectures and recitations (36 hours). Mr. HAYMAN.

10. **Vegetable Histology.** II. 3 Hrs.
Lectures and recitations (18 hours), laboratory (100 hours).
Mr. HAYMAN.

11. **Pharmacognosy.** I. 3 Hrs.
Lectures and recitations (54 hours). Mr. HAYMAN.

12. **Pharmacognosy.** II. 3 Hrs.
Lectures and recitations (54 hours). Mr. HAYMAN.

101. **Commercial Design.** I. 1 Hr.
Laboratory (50 hours). Mr. HAYMAN.

102. **Accounting.** I. 1 Hr.
Laboratory (50 hours). Mr. HAYMAN.

103. **Hygiene.** I. 2 Hrs.
Lectures and recitations (36 hours). Mr. BERGY.

104. **Qualitative of the Alkaloids and Synthetics.** I. 2 Hrs.
Laboratory (100 hours). Mr. HAYMAN.

105. **Physiological Chemistry.** I. 3 Hrs.
Lectures (18 hours), laboratory (100 hours).
Mr. BERGY and STAFF.

106. **Pharmaceutical Chemistry.** I. 2 Hrs.
Lectures and recitations (36 hours). Mr. BERGY.

107. **Pharmaceutical Chemistry.** II. 2 Hrs.
A continuation of course 106. Mr. BERGY.

108. **Prescriptions and Incompatibilities.** I. 3 Hrs.
Lectures and recitations (54 hours). Mr. HAYMAN.

109. **Prescription Practice.** I. 1 Hr.
Laboratory (50 hours). Mr. HAYMAN.

110. **Assay and Pharmaceutical Testing.** II. 3 Hrs.
Lectures (18 hours), laboratory (100 hours). Mr. GEILER.

113. **U. S. P. and N. F.** II. 4 Hrs.
Recitations (72 hours). Mr. HAYMAN.

114. **Commercial Pharmacy.** II. 2 Hrs.
Lectures and recitations (36 hours). Mr. GEILER.

115. **Microscopy.** I or II. 2 or 3 Hrs.
Laboratory (100 to 150 hours). Mr. HAYMAN.

116. **Pharmaceutical Investigations.** I or II. 2 or 3 Hrs.
Laboratory and collateral reading (100 to 150 hours).
Mr. BERGY and STAFF.

117. **Dispensing.** I or II. 1 or 2 Hrs.
Laboratory (50 or 100 hours). Mr. BERGY and STAFF.

118. New and Non-Official Remedies. II. 1 Hr.
Lectures and recitations (18 hours). Mr. BERGY.

201. Pharmacology. I. 3 Hrs.
Lectures and recitations (54 hours). Mr. BERGY.

202. Pharmacology. II. 2 Hrs.
A continuation of Pharmacy 201. Lectures and recitations. (36 hours). Mr. BERGY.

203. Food Analysis. I, II. 2 or 3 Hrs.
Prerequisite: Chemistry 5, 6, and 233. Laboratory and collateral reading (100 to 150 hours). Mr. BERGY and STAFF.

204. Food Analysis. I, II. 3 to 5 Hrs.
A continuation of Pharmacy 203. Laboratory and collateral reading (150 to 250 hours). Mr. BERGY and STAFF.

PHYSICAL EDUCATION[1]

SERVICE PROGRAM FOR MEN[2]

Assistant Professor JONES; Professor SCHOTT; Assistant Professors SAMUEL, NEALE, RODGERS, and HARRICK; and Assistants TALLMAN, STADSVOLD, and VACHERESSE.

1. Service Program for Men.[3] I. 1 Hr.
Required of all freshmen in the University. Students who pass the University physical achievement tests during the semester will be assigned to the *elective group* for an elective program of physical education under the direction of the Staff. Students who fail to pass the University physical achievement tests will be assigned to the *regular group* for the regular program of physical education under the direction of the Staff. These students will be organized into groups for organized competition in seasonable activities.

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[1]For explanation of abbreviations, see page 212. All courses offered in this subject are either undergraduate courses or undergraduate courses open to graduates.

[2]Physical Education 1 and 2 will meet the University requirement of 2 hours' credit in physical education as a prerequisite for graduation from all schools and colleges. During registration week, all freshmen will report at the Men's Field House for assignment of lockers and baskets, and for appointment for physical examination and physical achievement tests. These examinations and tests will be the guide in the selection of a program of physical education for the individual student. See Bulletin of the Department of Service Program for Men.

[3]Students who are found to be physically unable to engage in regular activity will be assigned to the *restricted group* for a restricted program of physical education recommended by the University physician and under the direction of the Staff of the department. Students who are on the freshman or Varsity athletic teams will be assigned to the *athletics for credit group* under the direction of the coach of the sport. Freshman students enrolled in Physical Education 11 will receive credit in Physical Education 1.

2. **Service Program for Men.**[1] II. 1 Hr.
Continuation of course 1. Required of all freshman men in the University.

SERVICE PROGRAM FOR WOMEN[2]

Assistant Professor GRIFFIN; and Instructors HURST, THOMAS and MCCALL.

1. **Service Program for Women.** I. 1 Hr.
Required of all freshman women.

Fall Season—soccer, speedball, swimming, volleyball, clogging.
Winter Season—clogging, folk dancing, games, swimming, indoor baseball. Miss GRIFFIN and STAFF.

2. **Service Program for Women.** II. 1 Hr.
Required of all freshman women.

Winter Season—swimming, folk dancing, games, indoor baseball.
Spring Season—playground baseball, archery, swimming, folk dancing. Miss GRIFFIN and STAFF.

3. **Service Program for Women.** I. 1 Hr.
Continuation of Physical Education 2. Required of all sophomore women. Miss GRIFFIN and STAFF.

4. **Service Program for Women.** II. 1 Hr.
Continuation of Physical Education 3. Required of all sophomore women. Miss GRIFFIN and STAFF.

101. **Service Program for Women.** II. 1 Hr.
Elective for junior women. Prerequisite: Physical Education 1, 2, 3, and 4. Miss GRIFFIN and STAFF.

102. **Service Program for Women.** II. 1 Hr.
Continuation of Physical Education 101. Elective for junior women. Miss GRIFFIN and STAFF.

103. **Service Program for Women.** I. 1 Hr.
Elective for senior women. Prerequisite: Physical Education 1, 2, 3, 4, 101 and 102. Miss GRIFFIN and STAFF.

104. **Service Program for Women.** II. 1 Hr.
Elective for senior women. Miss GRIFFIN and STAFF.

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[1]Freshman students enrolled in Physical Education 12 will receive credit in Physical Education 2.

[2]Physical Education 1, 2, 3, and 4 will meet the University requirement of 4 hours in physical education for women, to be taken during their freshman and sophomore years.

TEACHER TRAINING

Professor SCHOTT; Assistant Professors GRIFFIN, SAMUEL, and JONES; and Instructors HURST, THOMAS, and MCCALL.

THEORY AND PRACTICE OF PHYSICAL EDUCATION FOR MEN[1]

11. Theory and Practice of Physical Education. I. 2 Hrs.
This course includes the fundamentals of football and games, contests, and relay races for high schools and colleges.
Mr. RODGERS and Mr. SAMUEL.

12. Theory and Practice of Physical Education. II. 2 Hrs.
This course includes marching tactics, mass athletics, and the fundamentals of baseball. Mr. SAMUEL and Mr. RODGERS.

43. Theory and Practice of Physical Education. I. 2 Hrs.
This course includes the aims of the Boy Scout movement as well as the technique of scouting in addition to the fundamentals of basketball. Mr. SAMUEL and Mr. STADSVOLD.

44. Theory and Practice of Physical Education. II. 2 Hrs.
This course includes natural activities on the apparatus and the fundamentals of track and field athletics. Mr. SMITH.

111. Theory and Practice of Physical Education. I. 2 Hrs.
This course includes lectures, demonstrations, and practice work in the training and conditioning of athletes as well as a study of the American National Red Cross requirements in first aid.
Mr. SMITH and Miss HURST.

112. Theory and Practice of Physical Education. II. 2 Hrs.
This course will include minor sports, combative events and swimming. Mr. VACHERESSE, Mr. HARRICK, and Mr. JONES.

143. Theory and Practice of Physical Education. I. 2 Hrs.
This course will include the theory of coaching football and basketball and the conduct of programs in physical education in the public schools, together with the theory and technique of officiating in these activities.
Mr. RODGERS, Mr. STADSVOLD, and Mr. SCHOTT.

144. Theory and Practice of Physical Education. II. 2 Hrs.
This course will include the theory of coaching track and field, and baseball and the conduct of programs in physical education in the public schools, together with the theory and technique of officiating in these activities. Mr. SMITH, Mr. RODGERS, and Mr. SCHOTT.

[1]All courses indicated in the block of theory and practice of physical education for men are offered Monday, Wednesday, and Friday from 8:00 to 10:00 a. m. Physical Education 11 and 12 are required of freshman men. Physical Education 43 and 44 are required of sophomore men, Physical Education 111 and 112 are required of junior men, and Physical Education 143 and 144 are required of senior men.

THEORY AND PRACTICE OF PHYSICAL EDUCATION FOR WOMEN[1]

First Year[2]

27. **Theory and Practice of Physical Education.** I. 2 Hrs.
This course includes fundamentals and practice in playing soccer, speedball, and indoor baseball; instruction in singing-games and folk dances; fundamental steps in clogging and simple clogs; elementary and advanced swimming strokes, standard dives and life saving. STAFF.

28. **Theory and Practice of Physical Education.** II. 2 Hrs.
Continuation of indoor baseball, folk dancing, clogging, and swimming, with the addition of the fundamentals of playground ball, and theory and practice of archery. STAFF.

Second Year[3]

59. **Theory and Practice of Physical Education.** I. 2 Hrs.
This course includes the fundamentals of hockey and basketball and the development of skill in playing; activities in all forms of gymnastics; and skill in natural dancing and with some historical and philosophical background. STAFF.

60. **Theory and Practice of Physical Education.** II. 2 Hrs.
A continuation of the work in basketball, natural dancing, and gymnastics, with the addition of the fundamentals of outdoor baseball, development of skill in playing, and the theory of coaching the game. STAFF.

Third Year[4]

127. **Theory and Practice of Physical Education.** I. 2 Hrs.
This course includes hockey technique; archery teaching; swimming technique; tumbling, apparatus, and stunts; organizations of adolescent girls, such as Girl Scouts, Camp Fire Girls, and Girl Reserves. STAFF.

128. **Theory and Practice of Physical Education.** II. 2 Hrs.
A continuation of tumbling, apparatus, and stunts, and organizations of adolescent girls; with the addition of practice in teaching swimming; track and field activities adapted to the use of women; skill in playing tennis and a knowledge of the rules; and games of low organization for elementary, junior, and senior high schools, summer playgrounds and camps. STAFF.

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[1]All courses indicated in the block of theory and practice of physical education for women are offered on Monday, Wednesday and Friday from 8:00 to 10:00, and on Tuesday and Thursday from 8:00 to 9:00, or from 9:00 to 10:00, in Elizabeth Moore Hall.

[2]Physical Education 27 and 28 are required of freshman women.

[3]Physical Education 59 and 60 are required of sophomore women.

[4]Physical Education 127 and 128 are required of junior women. These courses are adapted to the needs of prospective teachers, playground instructors, and assistants in summer camp work.

Fourth Year[1]

159. **Theory and Practice of Physical Education.** I. 2 Hrs.
This course includes the teaching of soccer, speedball, hockey, basketball, gymnastics, individual gymnastics; and philosophy of athletics, which includes a study of the fundamental principles relating to highly organized team games. STAFF.

160. **Theory and Practice of Physical Education.** II. 2 Hrs.
A continuation of basketball teaching and gymnasium teaching, with the addition of the teaching of folk dancing, baseball, and track and field.[2]

PROFESSIONAL COURSES IN PHYSICAL EDUCATION FOR MEN

150. **Individual Gymnastics.** II. 3 Hrs.
This course will deal with the diagnosis of abnormal cases found in the classroom. The course will cover the program of tests and measurements as employed in the school program. Prerequisite: anatomy, physiology, kinesiology. Mr. JONES.

151. **Directed Teaching.** I, II. 3 Hrs. Mr. SCHOTT.

152. **Materials and Methods of Teaching Physical Education.** I, II. 2. Hrs. Mr. SCHOTT.

PROFESSIONAL COURSES IN PHYSICAL EDUCATION FOR WOMEN

166. **Individual Gymnastics.** II. 3 Hrs.
Theory and practice in diagnosing and treating abnormal postural cases and individual health problems. Prerequisite: anatomy, physiology, and kinesiology. Miss THOMAS.

167. **Rhythmic Analysis.** I. 2 Hrs.
This course is designed to give the student an understanding of the nature and scope of rhythm in the physical education program. Miss MCCALL.

168. **Directed Teaching.** I, II. 3 Hrs. Miss GRIFFIN.

169. **Materials and Methods of Teaching Physical Education.** I, II. 2. Hrs. Miss GRIFFIN.

PROFESSIONAL COURSES IN PHYSICAL EDUCATION FOR MEN AND WOMEN

75. **Introduction to Physical Education.** I. 3 Hrs.
This course is intended to acquaint the beginner with the purpose, scope, and possibilities of physical education in the schools of the United States. Lectures, discussions, and assigned readings. A note book and term paper will be required. Mr. SCHOTT.

[1] Physical Education 159 and 160 are required of senior women.
[2] An opportunity is provided for individual specialization in sports, swimming, or dancing in addition to the activity of the block program. If students are interested in specializing in dancing their course will include some allied subjects such as history of art, pagentry, dramatics, music, and practice teaching in dancing.

76. **Hygiene.** II. 2 Hrs.
This course deals with those phases of hygienic living, both personal and community, which should be understood by all college students. This course is open only to freshman students majoring in physical education. Mr. SAMUEL.

77. **History of Physical Education.** I. 2 Hrs.
This course will consider the development of physical education from early civilization to the present time. Miss GRIFFIN.

78. **Playground and Community Recreation.** II. 3 Hrs.
This course is arranged to prepare the student in physical education for the direction of municipal departments of playgrounds and community recreation. Mr. JONES.

175. **Kinesiology.** I. 3 Hrs.
Science of bodily movement. Prerequisite: anatomy.
Miss THOMAS.

178. **Principles of Physical Education.** II. 2 Hrs.
This is an orientation course designed for students who expect to teach in the public schools of the State and desire to meet the requirements of the State Board of Education. Mr. SCHOTT.

179. **Physiology.** II. 3 Hrs.
This course will deal with the fundamentals of human physiology.
Dr. WHITTLESEY.

180. **Public School Health.** I, II. 2 Hrs.
This course is designed for all teachers, and considers the various topics concerned in the maintenance of the health of school children in their environment. Dr. WHITTLESEY and Dr. MCGAW.

276. **Health Education.** I. 3 Hrs.
The purpose of this course is to acquaint the student with the aims of health with respect to their significance to the student as well as to the teacher. Dr. MCGAW.

277. **Organization and Administration of Physical Education.** II. 3 Hrs.
This course will take up the modern theories in physical education; guiding principles in the organization and administration of physical education; and the objects, content, and materials of activities in the gymnasium and on the playground. Mr. SCHOTT.

278. **Problems in Physical Education.** II. 3 Hrs.
This course deals with the solution of problems in physical education. Problems which arise in connection with the development of leadership, building of curricula, methods in teaching, and the selection and adaptation of activities are considered and possible solutions evolved. Mr. SCHOTT.

SUMMER SESSION, 1932

The following courses are offered in the summer session. Courses which are identical with those given in the regular school year as to content of course and amount of credit offered are listed by a number only as "regular year courses." Those which are similar in content but which carry a different amount of credit are also listed by number with the amount of credit indicated. A full description of such courses may be found elsewhere in this Catalogue. Courses offered exclusively in the summer session are listed below by number, title, and credit hours. A small "s" is appended to all courses except regular year courses.

AGRICULTURE

Agricultural Education

Regular year courses: 166, 168, 180, 257, 360; 2 Hr. course, 120s.
225s. Directed Field Practice in Supervising Vocational Agriculture. 2 Hrs.

Entomology

Regular year course: 380; 2 Hr. course, 104s; 2 or 4 Hr. course, 2s.

Farm Economics

170s. Rural Finance. 2 Hrs.

Genetics

Regular year course: 111.

Home Economics

Regular year courses: 107, 264; 2 Hr. courses, 108s or 208s, 216s.
182s. Methods in Home Economics Extension. 2 Hrs.
222s. Child Psychology. 2 or 4 Hrs.

Horticulture

2 Hr. course: 206s.

ARTS AND SCIENCES

Botany

Regular year course: 1; 2 Hr. courses, 4s, 141s; 2 to 4 Hr. course, 365s.
235s. Field Studies in Botany. 5 to 11 Hrs.
350s. Taxonomy of Bryophytes. 2 Hrs.

Chemistry

Regular year courses: 1 or 3, 2 or 4, 5 or 105, 9, 15 or 115, 31 or 131, 36 or 136, 63 or 163, 260, 277, 397, 398; 4 Hr. course: 6 or 106; 5 Hr. course: 238.
253s. Industrial Chemistry. 4 Hrs.

Classics

2 Hr. courses: 25s, 236s, 238s.

Economics, Business Administration, and Sociology

Economics

2 Hr. courses: 1s, 2s, 101s, 111s.
230s. Business Cycles. 2 Hrs.
240s. Economics Geography. 2 Hrs.
241s. Economic History of the South. 2 Hrs.
242s. Social Movements in the Nineteenth Century. 2 Hrs.
320s. Economic Dynamics. 2 Hrs.

Business Administration

2 Hr. courses: 121s, 126s, 148s.

Sociology

2 Hr. courses: 1s, 2s, 101s, 105s, 161s, 210s, 233s, 243s, 348s.

English

Regular year courses: 13, 113, 161, 185, 249, 251, 255, 267, 275; 2 Hr. courses: 1a, 1b, 2a, 3a, 3b, 4a, 142s, 181s, 230s, 234s, 235s, 241s, 247s, 262s, 277s, 279s, 324s, 391s.
114s. Advanced Composition. 2 Hrs.
165s. Literature of the South. 2 Hrs.
259. English Literature at the End of the Nineteenth Century. 2 Hrs.
341s. Seminar: Spencer. 2 Hrs.

Geology

Regular year courses: 9, 116; 2 Hr. course: 1s.
273s. Geological Survey. 1 to 4 Hrs.

German

2 Hr. courses: 1s, 2s, 245s.
13s. Intermediate German. 2 Hrs.
14s. Intermediate German. 2 Hrs.
111s. Spoken German. 2 Hrs.

History

Regular year course: 370; 2 Hr. courses: 4s, 5s, 27s, 28s, 52s, 53s, 135s, 149s, 154s, 164s, 255s, 258s, 259s, 261s, 266s, 349s, 386s.
206s. Medieval Europe. 2 Hrs.
214s. Renaissance and Reformation, 1300-1648. 2 Hrs.
387s. Seminar: American History. 2 to 6 Hrs.
388s. Seminar: European History. 2 to 6 Hrs.
394s. Selected Problems in Social Research. 2 Hrs.

Journalism

Regular year courses: 115, 221; 2 Hr. course: 1s.

Library Methods

Regular year course: 1.

Mathematics

Regular year courses: 4, 6; 4 Hr. courses: 3s, 5s, 107s, 108s, 240s, 242s; 2 Hr. courses: 241s, 244s.
250, 350. Advanced Topics in Mathematics. 4 Hrs.

Philosophy and Psychology

Philosophy

2 Hr. courses: 4s, 107s, 208s.

Psychology

Regular year course: 299; 2 Hr. courses: 1a, 1b, 116s, 230s.
128s. Psychology of Personality. 2 Hrs.
222s. Child Psychology. 2 or 4 Hrs.

Physics

Regular year courses: 1, 2, 3, 4, 105, 106, 107, 108, 121 or 221, 249; 4 Hr. course: 393s.
251s. General Survey of Modern Physics. 3 Hrs.
252s. General Survey of Modern Physics. 3 Hrs.

Political Science

2 Hr. courses: 4s, 5s, 220s, 242s, 262s, 294s, 296s, 298s, 301s, 303s, 305s.
244s. Current Problems in American Government. 2 Hrs.

Public Speaking

Regular year course: 215.
2 Hr. courses: 1, 3, 6, 11, 125, 129, 133, 137, 213, 222.

Romance Languages

French

Regular year courses: 224, 229, 231, 244; 2 Hr. courses: 1s, 2s, 5s, 6s, 7s or 107s, 8s or 108s, 9s or 109s, 10s or 110s, 115s, 116s, 222s.
217s. La Civilisation francaise. 2 Hrs.
258s. Novel of the Seventeenth Century. 2 Hrs.
264s. Fiction of the Eighteenth Century. 2 Hrs.

Spanish

Regular year course: 224; 2 Hr. courses: 5s, 9s or 109s.

Zoology

Regular year courses: 1, 2, 381-385, 390-395.
235s. Comparative Embryology. 6 Hrs.
261s. Field Zoology. 6 Hrs.

EDUCATION

General Education

Regular year courses: 281, 300, 395-398; 2 Hr. courses: 233s, 272s.

Educational Administration

Regular year courses: 241, 285, 338, 343, 344, 360, 361; 2 Hr. courses: 109s, 236s, 239s, 284s, 340s, 353s.
235s. The Elementary-School Curriculum. 2 Hrs.
242s. School Records and Reports. 2 Hrs.

Higher Education

Regular year course: 360.

Educational Materials and Methods

Regular year courses: 350, 360, 361, 390; 2 Hr. courses: 120s, 220s.
265s. Advanced Course in the Materials and Methods of High School Mathematics. 2 Hrs.

Educational Psychology

Regular year courses: 112, 214, 360, 361, 365; 2 Hr. course: 106s.
207s. The Psychology of Elementary-School Subjects. 2 Hrs.
308s. The Psychology of Number. 2 Hrs.

Educational Supervision

Regular year courses: 246, 256, 333, 360, 361; 4 Hr. course: 224s; 2 Hr. course: 327s.

ENGINEERING AND MECHANIC ARTS

Chemical and Ceramic Engineering

Regular year courses: 202, 301; 3 to 6 Hrs. course: 310s; 2 Hr. course: 230; 1 Hr. course: 231.

Civil Engineering

Regular year courses: 115, 121, 122, 300.
5s. Surveying. 1 Hr.
107s. Railroad Surveying. 2 Hrs.

Industrial Education

Regular year courses: 101, 105.
106s. Organization and Administration of Manual Training, 2 Hrs.

Mechanical Engineering

Regular year courses: 1, 2, 3, 4, 5, 7, 11, 12, 20, 22, 24, 26, 101; 1 Hr. course: 10.
6s. Sheet Metal Work. 2 Hrs.
8s. Woodfinishing. 2 Hrs.
13s. Machine Work. 3 Hrs.
21s. Mechanical Drawing. 2 Hrs.

Mechanics

Regular year coursse: 101, 104.

LAW

Partnership. 2 Hrs.
Taxation. 3 Hrs.

MINING

Mining Engineering

102s. Mine Surveying. 3 Hrs.
303. Coal Mining. 3 Hrs.

MUSIC

Voice

1 Hr. courses: 1, 2, 3, 4, 105, 106, 107, 108.

Piano

1 Hr. courses: 24, 25, 26, 27, 128, 129, 130, 131.

Pipe Organ

1 Hr. courses: 61, 62, 63, 64.

Public School Music

2 Hr. course: 179a.
182a. Methods. 2 Hrs.
188. Departmental Music. 2 Hrs.

PHARMACY

Regular year courses: 2, 13, 125.

PHYSICAL EDUCATION

General Courses for Men and Women

Regular year courses: 178, 180; 2 Hr. courses: 78s, 277s, 278s.
193s. Organization and Administration of Intramural Athletics. 2 Hrs.

Physical Education for Men

Regular year course: 1.
150s. Individual Gymnastics. 2 Hrs.

Physical Education for Women

Regular year courses: 2s, 3s; 1 Hr. courses: 27s, 28s, 59s, 60s, 127s; 2 Hr. course: 166s.

Part V

DEGREES CONFERRED BY THE UNIVERSITY

DEGREES CONFERRED, 1930-31

The following is a list of degrees conferred by the University during the year 1930-31. Degrees conferred September 1, 1930, are indicated by an asterisk (*); and those conferred February 1, 1931, by a double asterisk (**). All other degrees were conferred on Commencement Day, June 9, 1931.

MASTER OF ARTS

*George Esley Arthur A. B., Morris Harvey College, 1925	Education	Cowen
Frances LePera Ball A. B., West Virginia University, 1930	French	Morgantown
*Mary Bernice Barnett A. B., West Virginia University, 1929	Chemistry	Clarksburg
*Rudyard Kipling Bent A. B., West Virginia University, 1928	Education	Clarksburg
*Sallie Shrewsbury Board A. B., Randolph-Macon Woman's College, 1916	French	Charleston
Kenneth Walter Cameron A. B., West Virginia University, 1930	English	Wheeling
Edith Jane Cornell A. B., West Virginia University, 1927	English	Grantsville
*Robert Tillman Crawford A. B., West Virginia University, 1927	Education	Walkersville
Scott Homer Davis A. B., Fairmont State Normal School, 1929	Education	Wadestown
Frances Priscilla DeLancy A. B., West Virginia University, 1929	Political Science	Morgantown
*Stanley Key Dickinson Ph. B., Brown University, 1923	Education	Clarksburg
Blance Allendena Garfield A. B., University of Pittsburgh, 1920	History	Morgantown
*Floyd R. Hanifan A. B., West Virginia Wesleyan College, 1911	Education	Williamson
*Joseph alphonso James A. B., Bates College, 1928	French	Morgantown
Georgia Garnet Jamison A. B., West Virginia University, 1924	Education	Morgantown
*Jonas Paul Judy A. B., Bridgewater College, 1926	Education	Keyser
*Alva Dayne Kenamond A. B., West Virginia University, 1907	Education	Shepherdstown
*Brison Edwin Kimball A. B., West Virginia University, 1917	Education	Parsons
Lewis William Knapp A. B., Bethany College, 1923	Education	Fairmont
*Dewey Schley Knott B. S., Davis and Elkins College, 1923	Education	Elizabeth
*James Howard Lambert B. S., Virginia Polytechnic Institute, 1917	Education	Wheeling
*Charles Scott Lynch A. B., West Virginia University, 1925	Chemistry	Glenville

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

PEARL SANDS MCCARTY A. B., Fairmont State Normal School, 1930	EDUCATION	FAIRMONT
*HERBERT MCMILLEN A. B., West Virginia University, 1916	CHEMISTRY	MORGANTOWN
PAULINE MCMILLEN B. S. H. E., West Virginia University, 1924	ENGLISH	MORGANTOWN
**LOIS MCQUAIN A. B., West Virginia University, 1928	ENGLISH	TROY
EMMA GRACE METHENY A. B., West Virginia Wesleyan College, 1915	ENGLISH	BUCKHANNON
SARAH CATHARINE MYERS A. B., West Virginia University, 1925	ENGLISH	CORE
*HAZEL ELEANOR REED A. B., West Virginia University, 1925	ENGLISH	MANNINGTON
*JOHN ROBERT SALA A. B., Bethany College, 1926	ENGLISH	BECKLEY
SALVADORA SANTOS Y REYES A. B., West Virginia University, 1930	FRENCH	CAGUAS, P. R.
FRANCES PELL SAPP A. B., West Virginia University, 1927	ENGLISH	MORGANTOWN
BLANCHE PAULINE SHORTRIDGE A. B., West Virginia University, 1929	ENGLISH	MORGANTOWN
*KARL WILLIAM SHOWALTER B. S. Ed., West Virginia University, 1930	EDUCATION	CLARKSBURG
*ERNEST STUTZMAN B. S. Agr., West Virginia University, 1918	EDUCATION	SHEPHERDSTOWN
WILLIS C. TUCKER A. B., New River State School, 1930	ENGLISH	BECKLEY
*JOSEPH LELAND VINCENT A. B., Salem College, 1922	EDUCATION	PENNSBORO
HORANCE LABAN WHITE A. B., West Virginia University, 1911	EDUCATION	FAIRMONT
*TEDDY RAY YEATER A. B., Salem College, 1925	EDUCATION	MATOAKA

MASTER OF SCIENCE

JOSEPH MYERS ASHCROFT B. S. Ed., West Virginia University, 1930	PLANT PATHOLOGY	MORGANTOWN
GWENDOLEN GERTRUDE AUXIER A. B., West Virginia University, 1930	ZOOLOGY	KENOVA
**JOSEPH HENDERSON BALTHIS, JR. B. S., Randolph-Macon College, 1929	CHEMISTRY	WASHINGTON, D. C.
GEORGE HERBERT BANCROFT A. B., West Virginia University, 1930	PHYSICS	MORGANTOWN
CHARLES FLEMING BROWN A. B., West Virginia University, 1929	CHEMISTRY	MORGANTOWN
**ELINOR WATSON CARROLL A. B., Fairmont State Normal School, 1927	EDUCATION	FAIRMONT
FRED S. COFFINDAFFER A. B., Salem College, 1923	ZOOLOGY	MILETUS
MAXINE ELLIOTT CRANE A. B., West Virginia University, 1926	CHEMISTRY	TERRA ALTA
**LEONARD JOHN FURBEE A. B., Fairmont State Normal School, 1928	EDUCATION	ALUM BRIDGE

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

NORMAN BAYARD GREEN . . . . . ZOOLOGY . . . ELKINS
B. S., Davis and Elkins College, 1926

LLOYD RAYMOND GRIBBLE . . . . . ZOOLOGY . . . MORGANTOWN
B. S., Waynesburg College, 1929

WILLIAM CONRAD HALL . . . . . BOTANY . . . HURST
A. B., West Virginia University, 1926

**THERESA DOWER JONES . . . . . EDUCATION . . MORGANTOWN
A. B., West Virginia University, 1924

GEORGE CHANDLER LAZENBY . . . . CHEMISTRY . . RICHWOOD
B. S., West Virginia Wesleyan College, 1928

WILLIAM SCHERFFIUS LIGON . . . . AGRONOMY . . . MORGANTOWN
B. S. Agr., University of Kentucky, 1925

JOHN MOORE LOWE . . . . . ANIMAL HUSBANDRY MORGANTOWN
B. S. Agr., West Virginia University, 1918

SINSEL SHIELDS MORRIS . . . . . MATHEMATICS . . CAMERON
A. B., West Virginia University, 1930

ALMA EMMA MYERS . . . . . CHEMISTRY . . CORE
B. S. Ch. E., West Virginia University, 1931

**JOHN PAUL NOLTING . . . . . GEOLOGY . . . CLARKSBURG
A. B., West Virginia University, 1930

**WARD MCCLINTIC SHARP . . . . . BOTANY . . . MORGANTOWN
A. B., West Virginia University, 1930

GEORGE SHARPE, JR. . . . . ENTOMOLOGY . . MORGANTOWN
B. S. Agr., West Virginia University, 1929

JOSEPH K. STEWART . . . . . MATHEMATICS . . HUNTINGTON
A. B., Marshall College, 1927

CHARLES DANSER THOMAS . . . . . PHYSICS . . . WESTON
A. B., West Virginia University, 1930

GLENN SANFORD WATSON . . . . . CHEMISTRY . . MASONTOWN
B. S., West Virginia University, 1930

FREDERICK GEORGE WEIMER . . . . MATHEMATICS . . WHEELING
A. B., West Virginia University, 1930

**WILLIAM ARTHUR WELCH . . . . . CHEMISTRY . . .GRAFTON
A. B., West Virginia University, 1928

ERNEST BRUCE WHITMAN . . . . . PHYSICS . . . THOMAS
A. B., West Virginia University, 1928

CARL QUENTIN WILLIAMS . . . . ANIMAL HUSBANDRY MORGANTOWN
B. S., Oklahoma Agricultural and Mechanical College, 1929

**HELEN LENHART YOKE . . . . . EDUCATION . . KINGWOOD
A. B., West Virginia University, 1928

MASTER OF SCIENCE IN CHEMICAL ENGINEERING

CLYDE BERNARD JENNI . . . . . MORGANTOWN
B. S. Ch. E., West Virginia University, 1925

RICHARD NEWTON . . . . . MORGANTOWN
A. B., Reed College, 1928

MASTER OF SCIENCE IN CIVIL ENGINEERING

A. HARRY DAVIDSON, JR. . . . . FORT WORTH, TEX.
B. S., Texas Agricultural and Mechanical College, 1928

MASTER OF SCIENCE IN MECHANICAL ENGINEERING

GLEN KROUSE . . . . . RUSSELL, IOWA
B. S. M. E., Valparaiso University, 1930

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

BACHELOR OF ARTS

DOROTHEA VIRGINIA ALLMAN	MORGANTOWN
VINCENT THOMAS ANWYLL	FAIRMONT
CARL E. ARMOUR	CLARKSBURG
*ROBERT HARMAN ARMSTRONG	ALASKA
MILDRED ELMA ARNETT	MORGANTOWN
HARRY VIRGIL ASHBURN	MORGANTOWN
HOWARD GILMER ASHBURN	MORGANTOWN
ALMA AYERS	GRANTSVILLE
MICHAEL ASHFORD AYERS	SMITHVILLE
FRANK BERTRAM BAKER	BOSTON, MASS.
RODNEY BAKER	PIEDMONT
THOMAS TAYLOR BAKER	HUNTINGTON
GEORGE FRANKLIN BARBERS	FAIRMONT
JACK BASMAN	CHARLESTON
ERNEST EUGENE BEARDSLEY, JR	POINT MARION, PA.
EVELYN BALL BIRD	PRINCETON
ALBERT JOHN BLAIR	WAYNESBURG, PA.
BONITA BAKER BLAIR	MORGANTOWN
BERNARD MAURICE BLICKMAN	BROOKLYN, N. Y.
RUTH NAOMI BLODGETT	MORGANTOWN
JAMES HERSCHEL BOWLEN	UNIONTOWN, PA.
DOROTHY VIRGINIA BRAND	MORGANTOWN
FREDA MARGARET BRAUN	DAVIS
HARRY MORGAN BRAWLEY	CHARLESTON
JOHN ANDREW BROGLIO	MORGANTOWN
JEANETTE STEELE BROOKS	MORGANTOWN
ALICE JOSEPHINE BROWN	MORGANTOWN
FERD BROWNING, JR.	MORGANTOWN
SAMUEL ROBERT BROWNSTEIN	HUNTINGTON
*ARCHIE J. BRUFFEY	PULLMAN
LOUIS BUSH	NEW YORK CITY, N. Y.
ARTHUR BATES BUTLER, JR.	WHEELING
*VIRGINIA BYRER	MARTINSBURG
*BROOKS BAILEY CALLAGHAN	BEAVER
WILLIAM OSCAR CALLAHAN	WHEELING
THOMAS CLINTON CARRICO	WHEELING
IGNATIUS JOSEPH CATAPANO	BROOKLYN, N. Y.
BARBARA CATHER	GRAFTON
*JOHN CHIAVETTA	PITTSBURGH, PA.
EARL COFFMAN	FAIRPLAY, MD.
JULIUS COHEN	MORGANTOWN
MARY KATHERINE COLBORN	FAIRMONT
**JAMES HOWARD COLEMAN, JR	FARMINGTON
JOHNSIE SUE COOKE	CHARLESTON

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

LEWIS COOPER	DURBIN
JAMES DALLAS COSTON	CLARKSBURG
FELIX HUGHES CRAGO	WHEELING
JEAN CRILE	CLARKSBURG
GEORGE RAYMOND CUNNINGHAM	MORGANTOWN
ROBERT STANLEY CUNNINGHAM	WHEELING
*HAZEL DANIELS	PARSONS
GERARD JOHN DAVIDSE	WHEELING
HUGH AUGUSTUS DEAMATO	JEANNETTE, Pa.
CHARLES MELVIN DEER	HARPERS FERRY
HERMAN A. DEVOL	PARKERSBURG
FREDERICK HENRY DOBBS	WHEELING
EVERETT LANDIS DODGE	TERRA ALTA
JOHN THEODORE DORR	MORGANTOWN
*THEODORE BOWERS DUNBAR	ASPINWALL, Pa.
WALTER ANTHONY DURKIN	FAIRMONT
*GRACE IRENE DUTHIE	CLARKSBURG
HAROLD HILBERT DUTTON	PARKERSBURG
*DELLA VIEVA DUTY	WHEELING
JOHN CAMDEN EAKLE	SUTTON
FRANCES ANNE EBELING	WHEELING
WILLIAM THOMAS EMBLEM	WHEELING
JAMES PRESTON ENGLE	CHARLES TOWN
**PAULINE GENEVIEVE ENGLEHART	MORGANTOWN
*MARGUERITE EWING	SMITHFIELD, Pa.
*MURRAY BERNARD FERDERBER	DUQUESNE, Pa.
*ELIZABETH EICHENMILLER FERGUSON	WAYNE
DORIS ESTA FETTY	MORGANTOWN
**JOHN HARE FINNELL	KEYSER
IRMA FISHBACH	FAIRMONT
STANLEY ROBERT FISHER	MORGANTOWN
**FREDERICK WAYNE FORD	DUNBAR
LOUIS MARVIN FORMAN	KIMBALL
LOUISE BELLE FRAZIER	CLARKSBURG
*OWEN REGINALD GATES	FLEMINGTON
**JEAN LEWIS GIBSON	KINGWOOD
**FRANCES WILLIAM GLENN	SMITHFIELD, Pa.
WARNER ATHA GLOVER	FAIRMONT
*DANIEL GOLDBERG	BRONX, N. Y.
GUS DAVID GOLDBERG	CHARLESTON
MALCOLM HARRIS GOLDEN	S. NORWALK, CONN.
*MARY EDITH GOODWIN	CAIRO
**CHARLES CLINTON HALL	DAWES
JAMES LESTER HALL	MORGANTOWN
*LUCILLE BARNES HALL	FAIRMONT
BERTHA HANDLAN	WHEELING

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

WILLIAM JAMES HANES	WHEELING
*CHARLES MICHAEL HARDY	FAIRMONT
JAMES WILLIAM HARRIS, Jr.	ELM GROVE
CHARLES BURDETT HART	WHEELING
JOHN WYTHE HASH	ELKHORN
LYNN HASTINGS	MORGANTOWN
IRETA ESTELLE HAWLEY	MORGANTOWN
**JOSEPHINE VIRGINIA HERD	MORGANTOWN
**FRANK MORTON HEREFORD	CHARLESTON
*CHARLES CORBIN HESS	MANNINGTON
MAUDE FRANCES HESS	MORGANTOWN
HARRY RADER HESSE	WHEELING
BENJAMIN FREDERICK HILL	CHARLESTON
**GEORGE OTEY HILL	CLAYTON
KATHRYN HINKLE	WESTON
**SAMUEL LEE HOBDAY	BERKELEY SPRINGS
MARION ROWLAND HOFF	BELLE
M. LEONARD HOLLAND	LOGAN
JOHN BOBERT JACKSON	KINGWOOD
SAMUEL SPRIGG JACOB, III	WHEELING
DAVID WOOD JACOBS	MORGANTOWN
GEORGE LAUGHLIN JOHNSON	WHEELING
HOWARD FEIGHNER JOHNSTON	MORGANTOWN
*WILLIS LYLE JONES	BRIDGEPORT
MARGARET ISABELLE KELL	BLUEFIELD
ELOSIE VIRGINIA KERR	GRAFTON
JOHN HENRY KILMER	MARTINSBURG
*HARLAN BURDETTE KINCAID	MORGANTOWN
MARTHA ELMA KINCAID	MORGANTOWN
**BYRON FRANCIS KING	NEW SALEM, PA.
JANNES ELIZABETH KIRBY	CHARLESTON
MARION EUGENE KNIGHT	MOUNDSVILLE
GEORGE EDWARD KOPKO	WEIRTON
JOHN L. KRANASKAS	THOMAS
FRANCES IRVINE KUMP	ELKINS
LOUISE LAMBERT	BLUEFIELD
HARRY WILLIAM LARGENT	MORGANTOWN
*DORA MARIE LAUNTZ	ELKINS
FAITH LAWRENCE	MORGANTOWN
OTHO BROWN LEFEVRE	BUNKER HILL
LOUIS LEVITT	BROOKLYN, N. Y.
HARRY JENNINGS LIEBLE	CHARLESTON
*ALASTAIR LOVE	MOOREFIELD
MALCOLM JACKSON LOWE	PARKERSBURG
ROBERT WERTZ LOWE	FAIRMONT

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**Degree conferred February 1, 1931.

**JOHN DONOVAN LYON	CAMERON
JOHN WILFRED MACHESNEY	MORGANTOWN
*DOROTHY DEAN MANASSE	CHARLESTON
ABRAHAM STANLEY MARGOLIN	BROOKLYN, N. Y.
*HARRISON MOORE MARKLEY	MORGANTOWN
BERTHA FREDA MARPLE	FLATWOODS
LESLIE MARTIN	FAIRMONT
MARY EDITH MARTIN	SAINT MARYS
**MARY FON ELIZABETH MAYFIELD	MORGANTOWN
MABEL DELILLIAN MAYNE	HUNDRED
*PETER LOUIS MAYOLO	KEYSER
*ERNEST EDWARD MCCLELLAN	ETHEL
CLARENCE ALLEN MCCLELLAND	HUNDRED*
**EVA JUSTEEN MCCLUNG	REEDY
*DONALD RAY MCGILL	WHEELING
HUGH MONTELL MCNEILL	HUNTINGTON
ARTHUR JOSEPH MCSTEEN	GREENSBURG, PA.
AZEL MEADOWS, Jr.	HUNTINGTON
DAISY MAE MILLER	CHARLESTON
VIRGINIA ALLENE MILLER	WHEELING
SYLVIA LILLIAN MILLIKEN	WAYNESBURG, Pa.
EDGAR RAY MINNICH	WELLSBURG
MARTHA AUGUSTA MOORE	WHEELING
MARY VIRGINIA MOORE	MORGANTOWN
**AUSTIN FRANCIS MULLEN	LECKRONE, Pa.
HOWARD JAMES MULLIGAN	S. BROWNSVILLS, PA.
ORIE PAUL MYERS	CLARKSBURG
HANSFORD DORSEY NESTER	RONCEVERTE
PAULINE NICHOLSON	ELKINS
ANDREW JAMES NIEHAUS	WHEELING
DELBERT HENRY NOEL	HINTON
*HERBERT LELAND OGDEN	FAIRMONT
JOSEPH BROWN O'NEIL	UNIONTOWN, Pa.
DOROTHY JANE OWEN	HASTINGS
REX ARTHUR PATTERSON	MOUNT HOPE
CLAY FRANCIS PETERS	OAK HILL
GENEVIEVE POE	ALUM BRIDGE
CHARLES GABRIEL POLAN	CHARLESTON
HERMAN KANE POLAN	CHARLESTON
JOHN WILLIAM PORTER, Jr.	EAST MILLSBORO, PA.
ARTHUR CORNWELL PRICHARD	MANNINGTON
HAZEL G. RECTOR	SHINNSTON
*DANA DRUMMOND REYNOLDS	MORGANTOWN
*CLYDE F. RIDDEL	GRANTSVILLE
ROBERT DORSEY RIFFE	SUNLIGHT

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

FREDERICK FRASURE RILEY	PHILIPPI
*RUBY ELIZABETH RISHER	MORGANTOWN
*IDA MARIA RIVERA	RIO PIEDRAS, P. R.
EMMA FLICKNER ROACH	NEW CUMBERLAND
VIRGINIA MARJORIE ROBERTS	WOLF SUMMIT
JEAN LESLIE ROGERS	MONONGAH
JOSEPH DOMINICK ROMINO	FAIRMONT
ELMER RUDOLPH ROTH	BENWOOD
JOHN FRANKLIN RUSH	CLARKSBURG
*HELEN HUDDLESTON SALA	BECKLEY
ESTHER GRAY SANDER	PENNSBORO
*ALBERT CLARENCE SCANLON	MORGANTOWN
*OWEN SERENO SCHAEFFER	PETERSBURG
JOHN THOMAS SCHAUB	MOUNDSVILLE
ELOISE VIRGINIA SCHERR	KEYSER
*MORTIMER SIGMUND SCHOFIELD	BROOKLYN, N. Y.
LOUIS SCHOOLNIC	FAIRMONT
HENRY STIFEL SCHRADER	WHEELING
GLADYS MARGARET SCHULTZ	PARKERSBURG
ELIZABETH CORDELIA SCOTT	MORGANTOWN
SAMUEL VERNE SCOTT	BECKLEY
*M. PATRICIA SEAMAN	MORGANTOWN
IRVING SEIDEMANN	NEW YORK CITY, N. Y.
*EDGAR GORDON SHANHOLTZER	HIGGINSVILLE
*KARL VENNARD SHANHOLTZER	HIGGINSVILLE
HELEN MARIE SHARP	WHEELING
WILLIAM THOMAS SHAULL	MARTINSBURG
*WALTON SMITH SHEPHERD II	CHARLESTON
EMANUEL ISAAC SILK	NEW YORK CITY, N. Y.
JOHN NATHAN SIMPSON, JR.	MORGANTOWN
*VICTOR SKERRETT Y NADAL	PONCE, P. R.
MABEL MARGARET SLAGLE	MEYERSDALE, PA.
HAROLD DAVID SLAVEN	MORGANTOWN
DOROTHY-JANE SMITH	MORGANTOWN
**EDGAR ANDERSON SMITH	MORGANTOWN
ELTON RAY SMITH	PHILIPPI
HELEN SMITH	MARLINTON
JILL SMITH	CLARKSBURG
BENJAMIN IRVAN SPEICHER	MORGANTOWN
JAMES N. SPENCE	MORGANTOWN
JOHN JOSEPH SPERANDEO	BROOKLYN, N. Y.
VIRGINIA BEVERLEY STANARD	WESTON
MATHILDA ALDRIDGE STEPHENS	MARTINSBURG
ELEANOR JANE STONE	MORGANTOWN
ZELMA GAYNELLE STRAIGHT	RIVESVILLE

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

LEONARD NEWMAN STRICKLAND	STRANGE CREEK
MARY LOUISE SUTTON	GASSAWAY
**CAROLYN K. TAYLOR	LEXINGTON, KY.
ORESSA TEAGARDEN	HUNDRED
CATHRYN ELIZABETH THOMPSON	CLARKSBURG
FRANCES VIRGINIA THORNBURY	MAN
RUTH TIBBS	MORGANTOWN
ANNA MARY TROPF	MORGANTOWN
JOHN R. WADDELL	PHILIPPI
RENA ELIZABETH WALTER	WHEELING
CECIL ELIZABETH WARD	BLUEFIELD
*SIMON CLEMMER WARMAN	MORGANTOWN
CHARLES EUGENE WATKINS	GRAFTON
MORTON STUART WAXMAN	BROOKLYN, N. Y.
ELIZABETH ELEANOR WEIDNER	LUMBERPORT
SIGMUND E. WEINER	BROOKLYN, N. Y.
CHARLES WEISBERG	LAKEWOOD, N. J.
VIRGINIA ELLIOTT WHETSELL	KINGWOOD
BENNETT SEXTON WHITE, JR.	MORGANTOWN
*GEORGE W. WHITEHAIR	MARTINSBURG
EVA WIANT	LOST CREEK
CHRISTY VINCENT WILDT, JR.	PARKERSBURG
**ISAIAH ALONZO WILES	MORGANTOWN
CHARLES EDWARD WILMOTH, JR.	CLARKSBURG
EDITH LOUISE WILSON	DAVIS
**ELEANOR WEST WILSON	MARLINTON
MARTHA MAY WOODS	WHEELING

BACHELOR OF SCIENCE

GERALD LYON ACKERMAN	WHEELING
RICHARD LEE BATES B. S., Allegheny College, 1928	MEADVILLE, PA.
ARNOLD BOCKAR	MONSEY, N. Y.
WILLIAM DEWEY BOURN A. B., West Virginia University, 1930	MORGANTOWN
HAZEL CRABILL CAMERON A. M., Columbia University, 1926	MORGANTOWN
PIETRO CARUSO	CLARKSBURG
MARTIN EDWARD CONTI	FAIRMONT
PETER DARLING CRYNOCK A. B., West Virginia University, 1930	PURSGLOVE
JOSEPH FRANCIS DREIER	NANTICOKE, PA.
DANA LYDA FARNSWORTH A. B., West Virginia University, 1927	LINN
ALEXANDER SAND FISHER A. B., West Virginia University, 1930	EAST LIVERPOOL, OHIO
JOHN FRANCIS GALLAGHER	PARKERSBURG

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

JEROME C. GASKEL . . . . . WILLIAMSON

FRANCIS WILLIAM GLENN . . . . . SMITHFIELD, PA.
A. B., West Virginia University, 1931

JAMES HOWARD GRAY . . . . . CLARKSBURG

INA CLAIRE HALL . . . . . MORGANTOWN

*LLOYD SAMUEL HAYES . . . . . MORGANTOWN

*JAMES BROWNLEE JOHNSON . . . . . KEYSER

HAMIL CLARK KESSEL . . . . . RIPLEY
A. B., Marshall College, 1928

THELMA LOVETT . . . . . NAPIER
A. M., West Virginia University, 1930

ERNEST EDWARD MCCLELLAN . . . . . ETHEL
A. B., West Virginia University, 1930

ROBERT HARRISON MCKELVEY . . . . . KEY, OHIO
A. B., Muskingum College, 1928

JAMES WESLEY MERRICKS, JR. . . . . CHARLESTON
A. B., West Virginia University, 1930

ERNEST BLAIR MILLER . . . . . JONES MILLS, PA.
B. S. Ashland College, 1928

JUAN MIMOSO Y RASPALDO . . . . . CAGUAS, P. R.

RAYMOND B. NUTTER, JR. . . . . ENTERPRISE

VERNON DANTE OFFUTT . . . . . ROMNEY

DOMENICK R. PIAMPIANO . . . . . BROOKLYN, N. Y.
A. B., West Virginia University, 1930

RUPERT WENDELL POWELL . . . . . MORGANTOWN
A. B., West Virginia University, 1929

RAFAEL RODRIGUEZ Y BUXO . . . . . CAGUAS, P. R.

KENNETH BROWN ROTHEY . . . . . LOCK NO. 3, PA.

*GUY HUFFMAN ROTHFUSS . . . . . HERNDON

JAMES KARL SCOTT . . . . . TERRA ALTA
A. B., West Virginia University, 1930

VICTOR SKERRETT Y NADAL . . . . . PONCE, P. R.
A. B., West Virginia University, 1930

WILLIAM CARLYLE SMAIL . . . . . FAIRMONT
A. B., Fairmont State Normal School, 1927

JOHN RAYMOND SWAN . . . . . BIRDS RUN, OHIO

WILLIAM ALBERT THORNHILL . . . . . CHARLESTON
A. B., West Virginia University, 1930

KARL LANE VAN HORN . . . . . MORGANTOWN
A. B., West Virginia University, 1927

THOMAS LARRY WOODFORD . . . . . PHILIPPI
A. B., Broaddus College, 1929

BACHELOR OF LAWS

*JUDAS APPLE . . . . . KITTANNING, PA.

ROBERT JOHNSON ASHWORTH . . . . . MOUNDSVILLE

**ERVIN E. BAKER . . . . . CLARKSBURG
A. B., West Virginia University, 1927

**GEORGE LAWRENCE BALLARD . . . . . GLEN JEAN

DOMINIC PAUL CAMILETTI . . . . . WELLSBURG

JOHN KOSSUTH CHASE . . . . . MOUNDSVILLE
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*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

JAMES KILGORE EDMUNDSON . . . . . BECKLEY
A. B., West Virginia University, 1929

WELLESLEY DAY FITZSIMMONS . . . . . WHEELING
A. B., West Virginia University, 1927

HOWARD WHARTON FRIEDRICHS . . . . WHEELING
B. S., Washington and Jefferson College, 1926

EDWARD METCALF GEORGE . . . . . WELLSBURG
A. B., West Virginia University, 1924

ISRAEL HARK . . . . . CHARLESTON

*HARRY INGHAM HARR . . . . . FAIRMONT

JOSEPH BENJAMIN HEARST . . . . . MORGANTOWN

HENRY KESLER HIGGINBOTHAM . . . . BLUEFIELD

**GEORGE WILLIAM JACKSON . . . . . JANE LEW
A. B., West Virginia University, 1928

MELVIN WESLEY KAHLE . . . . . ELM GROVE

JEROME KATZ . . . . . BLUEFIELD

ELLINGWOOD WILSON KAY . . . . . MORGANTOWN
A. B., West Virginia University, 1928

CYRUS SCOTT KUMP . . . . . ELKINS
A. B., Virginia Military Institute, 1928

SIDNEY JACK KWASS . . . . . BLUEFIELD

ROBERT BRILLE LAFOLLETTE . . . . . CHARLESTON
A. B., West Virginia University, 1929

DAVID GREEN LILLY, JR. . . . . CHARLESTON

PAUL MANSOUR . . . . . SMITHERS
A. B., West Virginia University, 1929

**HAROLD CUTHBERT MARSHALL . . . . S. BROWNSVILLE, PA.

MORGAN VINCENT MARTIN . . . . . MARTINSBURG

HARRY LACEY MCCREERY . . . . . MORGANTOWN

LOUIS DAVID MEISEL . . . . . HUNTINGTON
A. B., West Virginia University, 1930

WILLIAM EDGAR MEREDITH . . . . . HUNTINGTON

DANIEL GROVE MOLER . . . . . SHEPHERDSTOWN
A. B., West Virginia University, 1928

WILLIAM JOHN MOORE . . . . . MORGANTOWN
A. B., West Virginia University, 1929

ALFRED NEELY . . . . . FAIRMONT
A. B., West Virginia University, 1927

**CHARLES ALBERT NEWMAN . . . . . MOUNDSVILLE
A. B., West Virginia University, 1929

WALTON SMITH SHEPHERD, II . . . . . CHARLESTON
A. B., West Virginia University, 1930

FRANK LITZ SMOOT . . . . . BLUEFIELD

ROBERT EVANS STEALEY . . . . . PARKERSBURG
A. B., West Virginia University, 1930

MELVILLE STEWART . . . . . MORGANTOWN
A. B., West Virginia University, 1915

HARRY SZANGER . . . . . NEWARK, N. J.

LYMAN TOLER . . . . . MULLENS

FRANCIS PATRICK WARDER . . . . . GRAFTON

**MARRS WISEMAN . . . . . FAYETTEVILLE
A. B., West Virginia University, 1928

*Degree conferred September 1, 1930.
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

PAUL N. BROWN	NORTH FORK
HAROLD NELSON LANG	CAMERON
DON EDWARD MORAN	WHEELING
WALTER WARE MURRILL	HUNTINGTON
**ALMA EMMA MYERS	CORE
**MARLIN LUTHER STEELY	CUMBERLAND, MD.
LEONARD C. SWING	RAINELLE

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

EDMOND L. BELLADONNA	LOGAN
ALBERT F. BOARD, JR.	CRESTON
LEONARD M. BOARD	CLARKSBURG
EVAN LILBOURN HARRIS, JR.	CHARLESTON
WILLIAM EDWARD HOLY	JANE LEW
GEORGE KOCH	GRAFTON
*DON BROWN PARSONS	KEYSER
LIONEL CECIL STICKLER	KATHRYN
WALTER TORRES Y BRASCHI	YAUCO, P. R.

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

CHARLES A. BOWERS, JR.	WHEELING
ALEXANDER DIKSA	NANTICOKE, PA.
ADJENOR F. FERVIER	CLARKSBURG
*GEORGE SCOTT GARRETT	SCARBRO
AVERY HOWE GODDIN	ELKINS
*ADRIAN HARLAND HUGGINS	FOLLANSBEE
PAUL J. JOHNSON	MORGANTOWN
CREED MALONE, JR.	MORGANTOWN
JAMES MARSHALL MORGAN	MORGANTOWN
JAMES E. NEWCOMER	UNIONTOWN, PA.
JAMES RICHARD NOTTINGHAM	MORGANTOWN
CHARLES JAMES O'LEARY	PIEDMONT
**LAWRENCE FREDERICK ONEACRE	NEW MARTINSVILLE
GEORGE W. PRIDE	MORGANTOWN
CHARLES FREDERIC STEWART	MORGANTOWN
CLIFFORD WHITMAN THRALL	WHEELING
WILLIAM HAROLD UNGER	MORGANTOWN
RICHARD CURRY WARDER	PENNSBORO
FRANK EDWARD WATSON	GARY
HENDERSON OSCAR WEBB, JR.	THURMOND
SLIDELL B. WOLFE	KINGWOOD

*Degree conferred September 1, 1930.
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BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

**WALTER CLARENCE CZERWINSKI	JERSEY CITY, N. J.
GEORGE ANDERSON HATFIELD	WINONA
FLOYD ABRAHAM INGRAM	CAMERON
WILLIAM BRADY RANNELLS	THREE CHURCHES

BACHELOR OF SCIENCE IN INDUSTRIAL EDUCATION

HARVEY PEERY BAILEY	MORGANTOWN
HOWARD GARRISON MARTIN	MORGANTOWN
*WILLIAM ISAAC TAWES	CLAYMONT, DEL.

BACHELOR OF SCIENCE (ENGINEERING ELECTIVES)

MARIO C. CHAMBERLAIN	MORGANTOWN
*KENNETH DANNER PRATT	CHARLESTON
*WILLIAM MITCHELL UNGER	CHARLESTON

BACHELOR OF SCIENCE IN ENGINEERING OF MINES

EDWARD FRANCIS MILLER	MOUNDSVILLE
ROBERT BAIRD RYLAND	LIGONIER, PA.

BACHELOR OF SCIENCE IN AGRICULTURE

FLOYD ERNEST COLE	MORGANTOWN
WILLIAM FREDERICK COULL	PARKERSBURG
GEORGE WALDON EMERICK	CAIRO
HERBERT WILLIAM EVERHART	KEARNEYSVILLE
MARSHALL GLENN	ELKINS
IRA GOULD, JR.	KINGWOOD
ENOCH ARTHUR LATHAM	BUCKHANNON
CHARLES CAMERON LEWIS, JR.	POINT PLEASANT
CLARENCE ADAM MAY	BEARD
WILLIAM STANLEY MILLER	FORT SEYBERT
WILLIAM THOMAS MILLESON	SPRINGFIELD
ALVA BROOKS PETERSON	BUCKHANNON
CLAUDE PRUNTY	OXFORD
ROBERT ROSS BOBINSON	MORGANTOWN
WALTER JASON RUMBLE	STEWARTSTOWN
L. STARKEY SHAFER	INDEPENDENCE
RUSSELL GLENN SHEPPARD	PALESTINE
LESTER WILLIAM SNYDER	WALTON
MARVIN HOWARD SNYDER	WALTON

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

NORMAN KENNETH SPEICHER . . . . . MORGANTOWN
KENNETH MARSHALL STONE . . . . . REEDSVILLE
HARRY CHESTER TRELOGAN . . . . . MORGANTOWN
PERRY DAWSON WICKLINE . . . . . ZENITH

BACHELOR OF SCIENCE IN HOME ECONOMICS

IRMA LUCILLE AYERS . . . . . GRANTSVILLE
LILLIAN DORIS BLY . . . . . CLARKSBURG
**DOROTHY ATWOOD COLLETT . . . . . MORGANTOWN
EVELYN LAVONNE CROSON . . . . . WHEELING
VIRGINIA M. GROSS . . . . . MORGANTOWN
ELIZABETH HAGY . . . . . BRAMWELL
DORA ELMA HAMSTEAD . . . . . MORGANTOWN
MARTHA ANNE HAMSTEAD . . . . . MORGANTOWN
GRACE EDITH HETRICK . . . . . MORGANTOWN
*SARA KATHLEEN HOARD . . . . . MORGANTOWN
EDNA ALICE KESSEL . . . . . RIPLEY
DENNA MCDONALD . . . . . MORGANTOWN
A. B., West Virginia University, 1929
HALLIE ELIZABETH MCDONALD . . . . BRIDGEPORT
MARIE MCDONALD . . . . . BRIDGEPORT
VIRGINIA MCHALE . . . . . ELKINS
**LORA PEARL MILAM . . . . . ROBINWOOD
MARY FRANCES MILLER . . . . . POINT MARION, PA.
**MILDRED RHEUHANNA ROEPER . . . . VANDERGRIFT, PA.
**KATHERINE ELIZABETH SCHAAF . . . . ELM GROVE
JESSIE EVERLY SHAFER . . . . . INDEPENDENCE
BEATRICE JANE SNYDER . . . . . SABRATON
MARJORIE GLENNA SWISHER . . . . . BUCKHANNON
SARAH ELIZABETH THORNILEY . . . . . MORGANTOWN
NINA WIANT . . . . . LOST CREEK
OLA ZIRKLE . . . . . PHILIPPI

BACHELOR OF SCIENCE IN EDUCATION

*JOHN COX BULLARD . . . . . ELM GROVE
*ZELL CAIN . . . . . GLENVILLE
JANE ELIZABETH COLE COOK . . . . . FAIRMONT
FLORENCE ELIZABETH COZAD . . . . . CLAYSVILLE, PA.
RUSSELL LLOYD CURTIS . . . . . MONTROSE
*DOROTHY JO DALY . . . . . HINTON
GUY ALEXANDER DEAKINS . . . . . ROWLESBURG
CHAUNCY LLOYD DEFFENBAUGH . . . . MASONTOWN
*BERTHA MAY FETTE . . . . . WHEELING

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

LUCILE FOX	SUTTON
JEAN EMILY FROST	KEYSER
*JAMES WILLIAM GARRETT	SUMMERSVILLE
VESTO CLIO HANNAH	MORGANTOWN
ELIZABETH M. HICKS	WHEELING
*ESTELLA CLENDENEN KIRKER	WELLSBURG
*RUTH GERALDINE KLINE	MORGANTOWN
FRED LANDOLPHI A. B., West Virginia University, 1930	NEWARK, N. J.
LAURA ELIZABETH LYON	KINGWOOD
ANNE CAROLYN MCCONNELL	WHEELING
STELLA FLOSS RECTOR	ANAWALT
*ETHEL LOUISE ROBERTS	MONESSEN, PA.
JEAN VALJEAN ROBERTS	GLENVILLE
FRANCES ELIZABETH ROBSON	BROOKLYN, N. Y.
*MILDRED MAE SHRIVER	MORGANTOWN
WALTER FRANKLIN SNYDER	WALTON
ALSTON WESLEY SPECK	MARTINSBURG
SARAH ELIZABETH SPRIGG	HOLLY
MARY MARGARET STALNAKER	PARSONS
VIRGINIA STOVER	GRAFTON
ERLO CLYDE STRADER	MORGANTOWN
ELOUISE VIRGINIA THACKER	FRANKLIN
DORIS TRICKETT	INDEPENDENCE
*RUTH ELIZABETH TURNER	GRAFTON
ANNA STEMPLE WEBSTER	AURORA
DOROTHY JO WHITE	SHEPHERDSTOWN
**STARK AMASA WILMOTH	MONTROSE
CORA RUTH WYCKOFF	FAIRMONT

BACHELOR OF MUSIC IN VOICE

LUCIE BELTZHOOVER-DILLE	MORGANTOWN

BACHELOR OF MUSIC IN PIANO

RUTH LUCILLE MORRIS	FAIRMONT
SARAH FRANCES SANDERS	MORGANTOWN
MARJORIE WALLACE	MORGANTOWN

BACHELOR OF MUSIC IN PUBLIC SCHOOL MUSIC

LOISBELLE BAKER	MORGANTOWN
*MONNA SUSAN BLAND	MORGANTOWN
VIRGINIA BELLE DAVIES	MORGANTOWN

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

ELEANOR SLOAN EICHHORN	LONACONING, MD.
**ELMA GREGORY HARTLEY	MORGANTOWN
ALICE JEWELL MCKEE	MORGANTOWN
ETTA MAE NULL	HUNDRED
MARY MAGDALENE SERVAIS	WHEELING

BACHELOR OF SCIENCE IN PHYSICAL EDUCATION

VIRGINIA KATHERINE DOAK	MORGANTOWN
ANNA LEONA GIMBERT	OCEANA, VA.
FLORENCE PRISCILLA KING	UNIONTOWN, PA.
ROSS LUDWIG	MORGANTOWN
ELOISE PEARSON	SAINT ALBANS
GEORGE JACKSON RATCLIFFE	WHEELING

BACHELOR OF SCIENCE IN PHARMACY

EUGENE ELLSWORTH GOFF	CLARKSBURG
LUKE ANDREW OLEANO	CLARKSBURG
THOMAS LAWRENCE WILLIAMS	FAIRMONT

PHARMACEUTICAL CHEMIST

MARVIN ELMER DICKERSON	FAYETTEVILLE
ANNA DINARDI	MORGANTOWN
*HERBERT NATHAN DIVVENS	MASONTOWN
AGNES CARRIE RATHBONE	PARKERSBURG
GORDON WENDELL SPILLMAN	MORGANTOWN

*Degree conferred September 1, 1930.
**Degree conferred February 1, 1931.

DEGREES CONFERRED 1870-1931

BACHELORS' DEGREES

YEAR	A. B.	B. S.	LL. B.	B. S. C. E.	B. S. M. E.	B. S. E. M.	B. S. E. E.	B. S. Ch. E.	B. S. Ind. Ed.	B. S. Agr.	A. B. in Law	Ph. B.	M. D.	D. V.	B. S. H. E.	Ph. C.	Ph. G.	B. Mus.	B. S. Ed.	B. S. Phys. Ed.	B. S. Phar.	Totals
1870	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
1871	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
1872	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1873	7	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
1874	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1875	6	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7
1876	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
1877	7	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
1878	5	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
1879	2	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
1880	2	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6
1881	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
1882	7	2	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10
1883	9	3	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17
1884	3	1	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9
1885	4	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
1886	5	1	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
1887	2	1	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11
1888	4	...	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
1889	9	3	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19
1890	6	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
1891	8	4	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
1892	6	2	18	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	30
1893	12	2	11	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26
1894	8	2	23	5	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	39
1895	10	4	24	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	41
1896	8	3	35	...	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	48
1897	11	2	44	2	2	...	...	...	...	...	5	...	...	...	...	...	...	...	...	...	...	66
1898	9	5	18	6	...	...	...	...	...	1	5	1	...	...	...	...	...	...	...	...	...	45
1899	12	2	40	7	1	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	66
1900	46	1	9	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	58
1901	30	...	9	3	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	45
1902	25	...	17	8	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	54
1903	29	1	10	6	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	48
1904	28	...	8	2	2	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	42
1905	20	2	22	4	3	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	53
1906	18	1	17	9	6	...	...	...	...	1	...	...	3	...	...	...	...	...	...	...	...	55
1907	32	3	12	14	4	...	...	...	...	2	...	...	8	...	...	...	...	...	...	...	...	75
1908	20	4	8	6	6	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	51
1909	27	3	2	15	4	...	...	...	...	1	...	...	4	...	...	...	...	...	...	...	...	56
1910	27	6	12	7	5	...	...	...	...	...	...	...	1	2	...	...	...	...	...	...	...	60
1911	27	5	12	6	7	2	...	...	...	3	...	...	4	2	...	...	...	...	...	...	...	68
1912	27	12	17	9	9	...	...	...	...	4	...	...	6	...	...	...	...	...	...	...	...	84
1913	28	9	15	3	1	...	2	...	...	3	...	...	...	...	...	...	...	...	...	...	...	61
1914	28	13	12	4	1	...	5	...	...	12	...	...	1	...	...	...	...	...	...	...	...	76
1915	35	25	14	8	4	1	5	...	...	10	...	...	...	...	...	...	...	...	...	...	...	102
1916	40	8	9	2	4	1	6	...	...	10	...	...	...	...	...	...	...	...	...	...	...	80
1917	62	9	16	5	2	5	...	...	...	19	...	...	...	...	1	...	1	...	...	...	1	121
1918	40	8	5	4	4	1	4	...	...	17	...	...	...	...	2	...	...	...	...	...	...	85
1919	42	11	2	...	1	2	3	...	...	5	...	...	...	...	10	...	...	...	...	...	...	76
1920	79	22	16	11	2	...	5	...	...	14	...	...	...	...	17	...	1	...	...	...	2	169
1921	93	29	12	7	5	5	7	2	1	25	...	...	...	...	9	...	3	...	...	...	1	199
1922	56	48	17	7	5	7	6	3	...	18	...	...	...	...	17	...	10	...	...	...	...	194
1923	125	47	20	4	8	9	9	4	...	41	...	...	...	...	19	...	8	...	...	...	...	294
1924	130	43	18	9	8	2	18	7	1	25	...	...	...	...	25	...	11	...	...	...	1	298
1925	132	53	26	14	3	6	17	6	...	19	...	...	...	...	25	...	6	...	...	...	...	307
1926	169	58	26	19	5	11	9	4	1	22	...	...	...	...	19	...	5	1	...	...	2	351
1927	198	55	37	13	7	10	15	7	...	14	...	...	...	...	32	...	1	1	...	...	4	394
1928	211	48	35	7	3	7	17	4	...	15	...	...	...	...	28	5	...	...	...	...	3	383
1929	230	49	42	8	7	3	15	6	...	21	...	...	...	...	31	13	...	3	2	...	...	430
1930	264	42	42	7	2	3	24	9	...	22	...	...	...	...	22	10	...	10	23	1	1	482
1931	252	42	40	9	4	2	21	7	3	23	...	...	...	...	25	5	...	12	37	6	3	491
Totals	2751	717	843	258	129	77	188	59	6	360	13	3	34	4	282	33	46	27	62	7	18	5917

MASTERS' DEGREES

YEAR	A. M.	M. S.	LL. M.	M. S. Agr.	M. S. C. E.	M. S. M. E.	M. S. Ch. E.	M. S. E. M.	Totals
1873	1								1
1874	2								2
1875	4								4
1876	7	5							12
1877	2								2
1878	12								12
1879	3	5							8
1880	7	2							9
1881	5								5
1882	2	1							3
1883	3	2							5
1884	3								3
1885	3								3
1886	9	3							12
1887	3	3							6
1888	5	4							9
1889	4								4
1890	1	1							2
1891	2								2
1892									
1893									
1894	1								1
1895									
1896	1								1
1897	1								1
1898			1						1
1899	3								3
1900	4								4
1901	3								3
1902	4	1							5
1903	4								4
1904	4		2						6
1905	2								2
1906	2								2
1907									
1908	1		2						3
1909	6								6
1910	2		1						3
1911	3								3
1912	1		1						2
1913	2		2						4
1914	1								1
1915	2	1	1						4
1916	5			1					6
1917	5								5
1918	1	2		1	1				5
1919									
1920	4	2							6
1921	5	2							7
1922	11	2							13
1923	13	1				1			15
1924	15	2		2			1		20
1925	14	3		3	2				22
1926	21	3		6			2		32
1927	27	1		5		1	1	1	36
1928	30	3		5			1	2	41
1929	36	5		3			1		45
1930	64	4		7				1	76
1931	39	29			1	1	2		72
Totals....	415	87	10	33	4	3	8	4	564

DOCTORS' DEGREES

Year	Doctor of Philosophy	Total
1902	1	1
1907	1	1
Totals	2	2

HONORARY DEGREES

YEAR	Doctor of Philosophy	Doctor of Divinity	Doctor of Laws	Doctor of Literature	Doctor of Civil Laws	Civil Engineer	Mech. Engineer	Elect. Engineer	TOTALS
1875	1								1
1883		2	1						3
1885			1						1
1886			3						3
1887		1							1
1888	1	1	2						4
1889	1	2	1			3			7
1890	2		1						3
1891	1	4	1						6
1892	1	2	1						4
1893			1						1
1894	3	3		1					7
1896	1	1	1						3
1897			1		1	1			3
1898						1			1
1909							1	2	3
1915						3			3
1918						1			1
1919			15		2				17
1920						1			1
1921			1				1		2
1924						1		1	2
1928			1				1		2
1929			3				1		4
1930								1	1
Totals	11	16	34	1	3	11	4	4	84

Part VI

ALPHABETICAL LIST OF FACULTY AND STAFF

ALPHABETICAL LIST OF FACULTY AND STAFF

The information following each staff member's name is arranged in the following order: degree and college, position on staff, year of appointment to this position, year of first appointment (where two dates are given), residence street address, residence telephone number, and office room number, building, and telephone number.

The following abbreviations are used: W, Woodburn Hall; S, Science Hall; M, Martin Hall; MH, Mechanical Hall; C, Hall of Chemistry; OH, Oglebay Hall; E, Experiment Station Building; L, Old Library; H, Horticulture Building; MB, Medical Building; LB, Law Building; FH, Men's Field House; EM, Elizabeth Moore Hall; SM, School of Music; SMA, School of Music Annex; A, Armory; HS, University High School; UL, New Library.

Persons with asterisk (*) before name are married.

ABBOTT, MRS. ELIZABETH B., Assistant Preceptress, Woman's Hall Annex; 1929; 1923; 247 Willey Street; 258.

ACKERMAN, RICHARD ATKINS, M. S. Agr. (W. V. U., 1930); Assistant in Dairy Husbandry, Agricultural Experiment Station. In charge of Reymann Memorial Farms, Wardensville, W. Va.; 1930.

*ADAMS, EDWARD FORSTALL, (U. S. M. A., West Point, N. Y., 1923); First Lieutenant, Infantry, United States Army, D. O. L.; Assistant Professor of Military Science and Tactics; 1929; 508 Boughner Lane; 876; A; 1900.

ADKINS, JOHN MCLEAN, Second Lieutenant; Engineer Reserve; Student Assistant in Military Science and Tactics; 1931; 65 High Street; 2182; A; 1900.

*ALLEN, HOWARD BUSHNELL, Ph. D. (Cornell, 1932); Associate Professor of Agricultural Education; 1925; 1920; 347 Cornell Avenue; 2339-R; 207 OH; 1900.

*AMBLER, CHARLES HENRY, Ph. D. (Wisconsin, 1908); Professor of History; 1929; 1917; 128 Simpson Street; 1241-R; 413 C; 1900.

AMIDON, LEE LEONARD, M. S. M. E. (W. V. U., 1927); Instructor in Power Engineering; 1923; 413 Wilson Avenue; 257-R; 107 MH; 1900.

AMMONS, NELLIE PERREL, A. M. (W. V. U., 1923); Instructor in Botany; 1920; 299 Glendon Avenue; 870-M; 35 S; 1900.

*ANDREWS, EDGAR LEWIS, M. S. Agr. (Cornell, 1924); Associate Professor of Poultry Husbandry; 1924; 1913; North Willey Street; 2329-M; E; 1900.

ARCHIBALD, HAROLD FREEMAN, M. A. (W. V. U., 1930; Instructor in Mathematics; 1930; 1928; 141 Willey Street; 1067; 212 C; 1900.

*ARMENTROUT, WALTER WARDLAW, Ph. D. (Minnesota, 1931); Assistant Professor of Farm Economics; and Assistant Farm Economist, Agricultural Experiment Station; 1927; 1924; 420 Beverly Avenue; 247-R; 311 OH; 1900.

ARMOUR, CARL E., A. B. (W. V. U., 1931); Graduate Assistant in Chemistry; 1929; 2040 University Avenue; 2075-M; 309 C; 1900.

*ARMSTRONG, ROBERT ALLEN, A. M. (Harvard, 1903); L. H. D. (Allegheny, 1908); LL. D. (W. Va. Wesleyan, 1927); Professor of English 1903; 1893; University Chaplain, 1910; 814 College Avenue; 29-R; 26 W; 1900.

*ARNETT, LONNA DENNIS, Ph. D. (Clark University, 1903); Librarian; Instructor in Library Science; 1910; 11 Grant Avenue; 2532-W; UL; 1900.

ARNETT, MILDRED ELMA, A. B. (W. V. U., 1931); Assistant in Circulation Department of the Library; 1930; 367 Spruce Street; 1623-J; UL; 1900.

ARNOLD, CHRISTINE, A. B. (W. V. U., 1930); Graduate Assistant in Chemistry; 1930; 1929; 402 Forest Avenue; 1009-M; C; 1900.

ARNOLD, KILBOURNE CEYLON, Student Assistant in Chemistry; 1931; 408 Forest Avenue; 175-J; C; 1900.

ASHBURN, HARRY VIRGIL, A. B. (W. V. U., 1931); Graduate Assistant in Chemistry; 1928; 118 Walnut Street; 2566; 125 C; 1900.

ASHBURN, HOWARD GILMER, A. B. (W. V. U., 1931); Graduate Assistant in Chemistry; 1931; 118 Walnut Street; 2566; 125 C; 1900.

*ASHBURN, ROBERT RUSSELL, A. M. (W. V. U., 1928); Instructor in French and Spanish; 1927; 1925; 30 North Street; 11 W; 1900.

*ASHCROFT, JOSEPH MYERS, M. S. (W. V. U., 1931); Burt Fellow in Agriculture; 1930; 226 Quay Street; 309 OH; 1900.

*ASPINALL, RICHARD, Ph. D. (New York University, 1926); Extension Agent; 1930; 417 Beverly Avenue; 1875; L; 1900.

*ATKESON, THOMAS CLARK, Ph. D. (Central Normal School, 1891); Professor of Animal Husbandry, Emeritus; 1910; Washington, D. C.

*ATWOOD, HORACE, M. S. Agr. (Cornell, 1897); Professor Emeritus of Poultry Husbandry; 1931; 1911; 1090 Charles Avenue; 1642-M; E; 1900.

AUXIER, GWENDOLEN GERTRUDE, M. S. (W. V. U., 1931); Graduate Assistant in Zoology; 1930; 47 Jones Avenue; 1262-M; S; 1900.

*AYERS, ALTON M., Instructor in Mining Extension; 1930; Montgomery, West Virginia.

*BARNHART, JOHN DONALD, Ph. D. (Harvard, 1930); Associate Professor of History; 1931; 1926; 327 Watts Street; 681-M; 426 C; 1900.

BARNHART, JOHN LOVE, B. S. (Penn State, 1930); Graduate Assistant in Dairy Husbandry, College of Agriculture and Agricultural Experiment Station; 1930. Resigned, February 15, 1932.

BARRETT, SAMUEL JAYNES, Student Assistant in Chemistry; 1931; 749 College Avenue; 1062-J; C; 1900.

BARTLETT, JOHN FRANK, M. A. (W. V. U., 1927); Burt Fellow in Chemistry; 1930; C.

BAYLES, MARY CATHERINE, Secretary to the Registrar; 1924; 608 Monongalia Avenue; 2312-R; Registrar's Office; W; 1900.

BEALL, JAMES ARTHUR, B. S. (Oklahoma A. & M. College, 1931); Graduate Assistant in Animal Husbandry; 1931; 413 McLane Avenue; 106 OH; 1900.

BENNETT, LANDIS SEAWELL, B. S. (North Carolina State College, 1930); Graduate Assistant in Agronomy; 1930; 678 Spruce Street; 691-J; 107 OH; 1900.

BERG, ANTHONY, M. S. (Wisconsin, 1923); Associate Professor of Plant Pathology and Associate Plant Pathologist, Agricultural Experiment Station; 1925; 1913; 141 Willey Street; 1067; 308 OH; 1900.

*BERGY, GORDON ALGER, M. S. (Michigan, 1916); Ph. C. (Michigan, 1913); Professor of Pharmacy; 1917; 1916; Hopecrest; 1724-M; 2 W; 1900.

BIERER, BARBARA, A. B. (W. V. U., 1927); Assistant in Library; 1929; 2041 University Avenue; 627 UL; 1900.

*BILLIG, THOMAS CLIFFORD, A. B. (Geneva, 1918); A. M. (Pennsylvania, 1922); LL. B., J. S. D. (Yale, 1925, 1928); Associate Professor of Law; 1931; 237 Park Street; 1202; 2 LB; 1900.

BISHOP, CARTER RICHARD, M. A. (W. V. U., 1928); Instructor in English; 1929; 19 McLane Avenue; 1654; 30 W; 1900.

BLACK, LOUIS, Artist Diploma, (New England Conservatory of Music, 1898); Director of the School of Music; 1909; 109 McLane Avenue; 495; 1 SM; 1318.

BLAIR, BONITA, Student Assistant in Botany, 1931; 209 South Walnut Street; 1946-J.

BLOOM, EDITH MCCAY, Storekeeper in Chemistry; 1922; 487 High Street; 1249; 227 C; 1900.

BOGGESS, ELLA LOUISE, B. S. (Carnegie, 1925); Assistant in Home Economics and Teacher in University High School; 1928; 198 Foundry Street; 2595-J; HS; 1793-J.

BOGGESS, HOWARD C., Assistant Law Librarian; 1930; 698 N. High Street; 2172; L; 1900. Resigned, February 15, 1932.

BOGGESS, THOMAS EARLE, II, Student Assistant in Library; 1930; 349 Dorsey Avenue; 593-JX; UL; 1900.

*BOGGS, IRA BROOKS, State Boys' Club Agent, Agricultural Extension Division; 1929; 1922; 223 Hagans Avenue; 2349-R; 202 OH; 1900.

*BOHAN, JOHN EMLIN, Ph. D. (Minnesota, 1926); Professor of Education; 1931; Star City Road; 1578-J; 15 W; 1900.

*BONAR, MARTIN LOXLEY, M. S. (W. V. U., 1915); M. D. (Western Reserve, 1919); Professor of Pharmacology; 1921; 1920; 451 Jefferson Street; 2147; 106 MB; 1900. On leave of absence, first semester, 1931-1932.

*BOOMSLITER, GEORGE PAUL, M. S. C. E. (Illinois, 1914); Professor of Mechanics; 1920; 21 Wilson Avenue; 571-J; 221 MH; 1900.

*BOOTH, LELAND, B. S. Agr. (W. V. U., 1924); News Clerk, Agricultural Extension Division; 2020 University Avenue; 1413-W; 202 OH; 1900.

*BOOTH, WINIFRED, Secretary to Dean of the College of Education; 1930; 2020 University Avenue; 1413-W; W; 1900.

BOUGHNER, JENNIE, A. B. (W. V. U., 1912); Reference Librarian; 1927; 1915; 705 Willey Street; 2305-J; UL; 1900.

BOWLING, GEORGE AUGUSTUS, M. S. (Michigan State College, 1930); Assistant Professor of Dairy Husbandry, and Assistant Dairy Husbandman, Agricultural Experiment Station; 1931; 426 Jefferson Street; 902; 7 OH; 1306-J.

BOYERS, FLORA, Assistant, Package Library Service; 1927; 160 Fayette Street; 144-J; UL; 1900.

BRADEN, RUTH, M. A. (Teacher's College, Columbia, 1931); Instructor of Foods and Dietetics; 1931; 198 Foundry Street; 2595-J; 112 OH; 1900.

*BRAY, CHARLES MCCHESNEY, B. S. (W. V. U., 1915); M. D. (Western Reserve, 1917); Instructor in Physical Diagnosis; 1920; 200 Euclid Avenue; 1128; MB; 1788.

BREWSTER, JAMES H., JR., Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1930; Box 885; 1359; A; 1900.

*BROOKS, CHANDLER LINN, Superintendent of Buildings and Grounds; 1917; 1021 College Avenue; 1947-W; 9 W; 1900.

BROOKS, MARGARET, Student Assistant in Zoology; 1931; 316 Allison Street; 1531; S; 1900.

*BROUZAS, CHRISTOPHER GEORGE, Ph. D. (Illinois, 1926); Associate Professor of Latin and Greek; 1931; 1926; 1000 Grand Street; 1713-R; 311 C; 1900.

BROWN, CARSON, Student Assistant in Dairy Husbandry; 1932; 413 Clark Street; 487-J; OH; 1306-J.

*BROWN, EDNA JOHNSON, Assistant Secretary of the College of Engineering; 1925; 362 Overdale Street; 1526; 123 MH; 1900.

BRUCE, CARLTON HENRY, B. S. (Penn State, 1928); Assistant in Farm Economics, Agricultural Experiment Station, 1930; King Street; Martinsburg, W. Va.

*BURKE, STEPHEN PATRICK, Chem. E., Ph. D. (Columbia University, 1920; 1922); Professor of Industrial Sciences, Chairman of the Graduate Council, and Director of the Industrial Science Division of the Graduate School; 1930; Hopecrest; 2142; 205 C; 1900.

BUSH, ELTON W., A. B. (Marshall College, 1928); Graduate Assistant in Physics; 1931; 2000 University Avenue; 9052; 10 M; 1900.

BUTLER, A. BATES, A. B. (W. V. U., 1931); Assistant Law Librarian; 1932; 54 Campus Drive; 667-J; Law Library.

BUTMAN, MARGARET ELIZABETH, (New England Conservatory of Music, 1914); Instructor in Piano; 1922; 134 Hunt Street; 1221-J; SM; 1900.

*CALLAHAN, JAMES MORTON, Ph. D. (John Hopkins University, 1897); Professor of History and Political Science; 1902; 632 Spruce Street; 1772; 416 C; 1900.

*CALVERT, EVERLY, Part-time Teacher of Industrial Arts in University High School; 1929; 46 Maple Avenue; 769-R.

CAMERON, HAZELL CRABILL, M. A. (Columbia, 1926); Research Specialist in Nutrition, Agricultural Experiment Station; 1926; 917 Brown Street; 2388-W; E; 1900.

*CARL, WILLIAM JOHN, Instructor in Foundry Practice; 1920; 565 Brockway Avenue; 1 MH; 1900.

CARLIN, LEO, A. B. (W. V. U., 1909); LL. B. (W .V. U., 1910); Professor of Law; 1921; 1916; 224 Wilson Avenue; 1775-R; 3 LB; 1900.

*CARNEY, EMERSON, Manager of University Book Store; 1923; 221 Richwood Avenue; 65-J; LB; 1900.

*CARPENTER, LEWIS VAN, M. S. in San. Eng'g. (Illinois, 1926); Professor of Sanitary Engineering; 1929; 1923; 225 Cornell Avenue; 1628; 112 MH; 1900.

*CATHER, CARL HENRY, M. S. (Illinois, 1922); Assistant Professor of Mechanics; 1924; 1916; 815 Price Street; 2380-J; 225 MH; 1900.

*CATHER, HAROLD MALCOLM, M. S. M. E. (W. V. U., 1923); Instructor in Drawing and Machine Design; 1919; P. O. Box 380; 1045-M; 210 MH; 1900.

CHAMBERS, LIVINGSTON HUNTER, M. A. (W. V. U., 1930); Instructor in Mathematics; 1930; 1928; 658 Spruce Street; 212 C; 1900.

*CHAPPELL, LOUIS WATSON, M. A. (Virginia, 1921); Associate Professor of English; 1928; 1923; 425 Grand Street; 1275-J; 33 W; 1900. On leave of absence.

CHIDESTER, FLOYD EARLE, Ph. D. (Clark, 1911); Professor of Zoology; 1923; 1919; 324 Cobun Avenue; 1975-J; 24 S; 1900.

CHILDS, WILLIAM HENRY, M. S. (Illinois, 1931); Instructor in Horticulture; and Assistant in Horticulture, Agricultural Experiment Station; 1931; R. 4; 2333-W; 104 OH; 1306-R.

*CHITWOOD, OLIVER PERRY, Ph. D. (Johns Hopkins, 1905); LL. D. (William and Mary, 1926); Professor of History; 1907; 312 Park Street; 1775-J; 411 C; 1900.

CHRISTOPHER, DAVID ALFRED, A. M. (W. V. U., 1921); Office Manager, Department of Intercollegiate Athletics and West Virginia University Stadium Corporation; 1923; 264 Waitman Street; 1929; 181 Bank Street, Monongahela Bldg.; 1641.

*CLARK, FRIEND EBENEZER, Ph. D. (Johns Hopkins, 1902); Professor of Chemistry; 1914; 649 Sqruce Street; 1785; 307-309 C; 1900.

*CLARK, ROBERT, M. A. (George Peabody College, 1926); Assistant Professor of Education; 1929; 1927; 346 Cobun Avenue; 1150-M; 19 W; 1900. On leave of absence, 1931-32.

*CLARK, THOMAS BAIRD, B. S. A. (Toronto University, 1927); Assistant in Poultry Research, Agricultural Experiment Station; 1927; 528 Monongalia Avenue; 1005-J; Farm Poultry Laboratory; 1020-J.

CLINE, RUSSELL WALTER, M. S. (Virginia Polytechnic Institute, 1927); Instructor in Agricultural Education and Demonstration Teacher of Vocational Agriculture; 1928; Masontown, West Virginia.

*COLEBANK, GEORGE HENRY, M. A. (Iowa, 1928); Assistant Professor of Education and Principal of University High School; 1928; 10 Jones Avenue; 474-J; HS; 1793-J.

*COLLETT, ARMAND RENE, Ph. D. (Yale, 1923); Associate Professor of Chemistry; 1931; 1924; 806 Des Moines Avenue; 1642-J; 121; C; 1900.

*COLWELL, ROBERT CAMERON, Ph. D. (Princeton, 1918); Professor of Physics; 1924; 1918; 332 Demain Avenue; 671-J; 12 M; 1900.

COLWELL, RACHEL HARTSHORN, M. A. (Columbia, 1905); Professor of Home Economics; 1920; 1910; 101 Jackson Avenue; 2472-J; 111 OH; 1900.

CONLEY, JOSEPH DELPHIA, Superintendent, Animal Husbandry Farm; Stewartstown Road, R. F. D. No. 4; 10-F-11.

CONN, JOHN BYRON, Student Assistant in Chemistry; 1930; 23 Main Street, Point Marion, Pa.; 224, Point Marion.

CONN, ROBERT CARLAND, A. B. (W. V. U., 1927); Graduate Assistant in Chemistry; 1931; 1930; 124 Jackson Avenue; 1754-J.

COPE, DAVID FRANKLIN, Student Assistant in Physics; 1930; 429 Pennsylvania Avenue; 187-W; M; 1900.

COPLIN, LUCY MAY, Ph. B. (Chicago, 1923); Instructor in Education, College of Education; and Teacher of Social Studies in University High School; 1931; 1925; Delmar Building, High Street; 1630-J; HS; 1793-J.

CORDRAY, HARRY N., Secretary of the Botany Department and Curator of the Herbarium; 1930; Core, West Virginia; 32 S; 1900.

*CORNELL, FERRIS DEWEY, JR., M. S. (Cornell, 1924); Assistant Professor of Farm Mechanics, and Assistant Farm Mechanician, Agricultural Experiment Station; 1929; 1921; 421 Beverly Avenue; 247-J; 311 OH; 1900.

*COX, JOHN HARRINGTON, Ph. D. (Harvard, 1923); Litt. D. (Ohio Wesleyan, 1923); Professor of English Philology; 1904; 1902; 34 Campus Driveway; 674; W; 1900.

*CRAIG, FRANK WALDO, M. S. (W. V. U., 1926); Assistant Horticulturist, Agricultural Experiment Station; 1930; 1605 B. Quarrier Street, Charleston, West Virginia.

*CRANE, DEE, Potato Specialist, Agricultural Extension Division; 1918; 900 College Avenue; 2534-J; E; 1900.

*CREECH, BENJAMIN FRANKLIN, B. S. Agr. (Kentucky, 1917); Animal Husbandman, Agricultural Extension Division; 1919; 1917; Cornell and Cayton; 2534-M; 106 OH; 1900.

*CRESSWELL, JOHN REGINALD, Ph. D. (Cornell, 1926); Assistant Professor of Philosophy; 1929; 661 Price Street; 2444; 36 L; 1900.

CRISLER, GEORGE RUSSELL, Ph. D. (Chicago, 1928); M. D. (Chicago, 1931); Associate Professor of Physiology; 1928; 141 Willey Street; 1067; 202-A; MB; 1788.

*CROCKER, STEPHEN FULLER, A. M. (Princeton, 1923); Assistant Professor of English; 1931; Evansdale; 1789-M; 32 W; 1900.

CUNNINGHAM, MARION KEITH, Assistant Librarian, College of Law; 1930; 662 N. High Street; LB; 1900.

CUNNINGHAM, MARY LUCILE, Secretary and Librarian, University High School; 1931; 712 Weaver Street; 1006-R; L; 1793-J.

CURTIS, HELEN CAROLINE, B. S. (W. V. U., 1929); Instructor in Home Economics; 1930; 58 Campus Driveway; 2015; 212 OH; 1900.

*DADISMAN, ANDREW JACKSON, Ph. D. (Cornell University, 1924); Professor of Farm Economics; Farm Economist, Agricultural Experiment Station; and Director of the Summer Session; 1929; 1914; 305 Beverly Avenue; 803-J; 311 OH; 1900.

DARBY, ARLEIGH LEE, A. M., Litt. D. (Waynesburg, 1907, 1927); Professor of Romance Languages; 1920; 1910; 487 High Street; 374-R; 14 W; 1900.

*DAVIES, EARL C. H., Ph. D. (Chicago, 1917); Professor of Chemistry; 1931; 1920; 255 Richwood Avenue; 944-M; 114 C; 1900.

*DAVIS, AL., Superintendent, Dairy Husbandry Farm; Cheat Road; R. F. D. 3; 513-W; Farm, 514-R.

*DAVIS, BRUCE, Superintendent, Horticulture Farm; 513-M.

*DAVIS, FRED ARTHUR, B. S. C. E. (W. V. U., 1898); Special Lecturer in Highway Engineering; 1929; Suncrest Park; 2584-J; 105 MH; 1665.

*DAVIS, HANNIBAL ALBERT, Ph. D. (Cornell, 1928); Assistant Professor of Mathematics; 1929; 1921; 307 Duquesne Avenue; 34-J; 210 C; 1900.

*DAVIS, ROLAND PARKER, Ph. D. (Cornell, 1914); Assistant Dean, and Professor of Structural and Hydraulic Engineering, College of Engineering; 1930; 1911; 333 Demain Ave., 2120; 304 MH; 721.

*DAVIS, WAYNE MCVEIGH, Instructor in Mining Extension; 1929; Madison, West Virginia.

*DEAHL, JASPER NEWTON, Ph. D. (Columbia, 1906); Professor of Education; 1901; 442 Park Street; 1168-J; 15 and 18 W; 1900.

DEARBORN, HARLEY LEROY, Staff Sergeant, D. E. M. L., United States Army; Assistant to Professor of Military Science and Tactics; 1921; 420 Grant Avenue; 1101-R; A; 1900.

*DEATRICK, EUGENE PEYTON, Ph. D. (Cornell, 1917); Associate Professor of Agronomy, and Extension Agronomist (4-H Club Work), Agricultural Extension Division; 1930; 1921; Stewartstown Road; 1961-J; 105 OH; 1900.

*DEATRICK, LILY BELL, Ph. D. (Ohio State, 1921); Associate Professor of Chemistry; 1927; 1920; Stewartstown Road; 1961-J; 223 C; 1900.

*DICKINSON, EDMUND CHARLES, A. B. (Earlham, 1903); J. D. (Michigan, 1911); Professor of Law; 1921; 317 Simpson Street; 477-J; 5 LB; 1900.

DIETRICH, MONTELLE, M. S. (Minnesota, 1929); Instructor in Home Economics; 1929; 211 Grant Avenue; 608-J; 212 OH; 1900.

*DIFFEY, CARTER L., LL. B. (Virginia, 1924); Assistant Coach of Freshman Football; 1931; Hotel Madeira; 600; FH; 1900.

*DILLE, LUCY BELTZHOOVER, B. Mus. (W. V. U., 1931); Instructor in Voice; 1931; 1920; 819 Monongahela Bldg.; Pt. Marion; 236-R-13; 11 SM; 1900.

DIXON, EVALYN SPURGEON, Ph. D. (Cornell, 1929); Instructor in History; 1925; 2157 University Avenue; 764-R; 427 C; 1900.

*DODD, MAURICE ROPP, A. B. (W. V. U., 1914); Part-time Instructor in Education; 1931; 1930; 601 Louise Avenue; 2403-R.

*DODDS, GIDEON STANHOPE, Ph. D. (Pennsylvania, 1910); Professor of Histology and Embryology; 1925; 1918; 829 Price Street; 1267-R; 303 MB; 1788.

*DONLEY, ROBERT TUCKER, A. B. LL. B. (W. V. U., 1924; 1926); Lecturer in Law; 1929; 427 Spruce Street; 2196; 174 Chancery Row; 751.

*DORSEY, ERVIN, M. A. (Peabody College, 1922); Teacher of Vocational Agriculture and Biology in University High School; 1927; 1926; 338 Cornell Avenue; 785-R; HS; 1793-J.

*DOWNING, REGINALD HORTON, B. A. (Acadia, 1930); Graduate Assistant in Mathematics; 1930; 658 Spruce Street; 212 C; 1900.

*DOWNS, WILLIAM SMITH, C. E. (W. V. U., 1915); Acting Professor of Railway and Highway Engineering; 1931; 204 Euclid Avenue; 1736-J; 220 MH; 1900; 128.

*DRAPER, JOHN WILLIAM, Ph. D. (Harvard, 1920); Professor of English; 1929; 200 McLane Avenue; 2166; 26-A W; 1900.

DUNCAN, IRA J., B. S. A. (University of Georgia, 1930); Assistant in Agricultural Chemistry, Agricultural Experiment Station; 1930; 550 Spruce Street; 349-R; E; 1900.

*DUSTMAN, ROBERT BARCLAY, Ph. D. (Chicago, 1924); Professor of Agricultural Chemistry and Agricultural Chemist, Agricultural Experiment Station; 1929; 1924; 108 Cornell Avenue; 2534-W; E; 1900.

*DYE, ARTHUR PINGREE, M. S. Agr. (W. V. U., 1927); Instructor in Horticulture; and Assistant in Horticulture, Agricultural Experiment Station; 1930; 1923; 296 Prospect Street; 127-J; U; Greenhouse; 704-J.

ECKHARDT, ELIZABETH MARGARET, M. A. (Columbia, 1921); Recreation Specialist, Agricultural Extension Staff; 1928; 1921; Oglebay Park, Wheeling, West Virginia; Woodsdale, 891.

*EIESLAND, JOHN ARNDT, Ph. D. (Johns Hopkins, 1898); Professor of Mathematics; 1907; 316 Demain Avenue; 2308-R; 209 C; 1900.

ELMORE, EARLE LOONEY, Student Assistant in Chemistry; 1931; 310 Second Street; 1651; C; 1900.

*ENNIS, THOMAS EDSON, M. A. (North Dakota, 1924); Instructor in History; 1930; 508 Jefferson Street; 1199-W; 409 C; 1900.

FAIRFIELD, MILDRED, Secretary to Dean of the College of Arts and Sciences; 1926; 447 Pennsylvania Avenue; 454-M; 1900.

FAIRFIELD, RILLA L., Secretary to the Secretary of the Board of Governors; 1927; 447 Pennsylvania Avenue; 454-M; 13 W; 1900.

*FEAR, MARJA STEADMAN, M. A. (W. V. U., 1928); Part-time Instructor in Public Speaking; 1930; 1920; 344 Jackson Avenue; 1860; 30 M; 1900.

*FEDERER, GEORGE ANDREW, JR., M. A. (W. V. U., 1922); Teacher of Physical Sciences, University High School; 1928; Flats; 1551-R; 5 HS; 1793-J.

FENTON, CLEMENT COLEMAN, M. D. (Cornell, 1925); Professor of Pathology and Clinical Pathology; 1926; 1922; 101 Jackson Avenue; 1545-J; 208 MB; 1900.

FERRY, JAMES FREDERICK, A. B. (West Virginia Wesleyan; 1928); Graduate Assistant in Botany; 1930; 241 Grant Avenue; 1787; 31 S; 1900.

*FLETCHER, HARVEY HENRY, (U. S. M. A., West Point, N. Y., 1910); Major, Infantry, D. O. L., United States Army, Professor of Military Science and Tactics and Commandant of Cadets; 1927; 249 Grand Street; 261-R; A; 1900. Will return to service with troops, June, 1932.

*FORD, O. REX, M. A. (W. V. U., 1923); Associate Professor of Physics; 1931; 1925; Evansdale; 1512-J; 10 M; 1900.

FORD, FREDERICK, A. B. (W. V. U., 1931); Assistant in Library; 1931; 253 Grant Avenue; 2005-R; UL; 1900.

*FORDHAM, JEFFERSON BARNES, A. B., A. M., J. D. (North Carolina, 1926, 1929); J. S. D. (Yale, 1930); Associate Professor of Law; 1931; 1930; 686 Grand Street; 1734-J; 1 LB; 1900.

*FORMAN, ALEXANDER HARDIE, M. M. E., Ph. D. (Cornell, 1909, 1912); Professor of Electrical Engineering; 1916; 1913; 233 Morris Street; 893-M; 124 MH; 1900.

*FORTNEY, CAMDEN PAGE, B. S. C. E. (W. V. U., 1907); Chairman of the State Road Commission; Director of School of Good Roads; Charleston, West Virginia.

*FRAME, NAT TERRY, A. B. (Colgate, 1899); D. Sc. (Colgate, 1928); Director of Agricultural Extension; 1919; 1914; 631 Spruce Street; 219-J; 200 OH; 1900.

*FRASURE, CARL MAYNARD, Ph. D. (Ohio State, 1928); Assistant Professor of Political Science; 1930; 1927; Delmar Building, High Street; 429 C; 1900.

*FRIANT, RAY JEROME, B. S. (Penn State, 1916); Agronomy Specialist, Agricultural Extension Division; 1929; 907 Ridgeway Avenue; 2084; 105 OH; 1900.

*FRIDLEY, HARRY M., Ph. D. (Cornell, 1928); Assistant Professor of Geology; 1928; 412 Beverly Avenue; 2075-W; 128 C; 1900.

*FRIEND, LLOYD LOWNDES, M. A. (Columbia, 1906); Registrar of the University; 1929; 1925; 312 Euclid Avenue; 1992; W; 1900.

*FROMME, FRED DENTON, Ph. D. (Columbia, 1914); Dean of the College of Agriculture, Director of the Agricultural Experiment Station; Director of Division of Biology and Agriculture, Graduate School; 1928; R. F. D. 4; 1622; 101 OH; 1900.

FULLMER, LEE, Mechanician in Department of Physics; 1924; 1916; 308 Highland Avenue; 3 M; 1900.

FULTON, MARTHA THEODA, M. A. (Columbia, 1923); Student Counselor and Instructor in How to Study; 1929; 1923; 160 Fayette Street; 2028-J; 36 L; 1900.

*GALPIN, SIDNEY LONGMAN, Ph. D. (Cornell, 1912); Professor of Geology; 1927; 228 Wagner Road; 536-J; 202 C; 1900.

*GARBER, RALPH JOHN, Ph. D. (Minnesota, 1922); Professor of Agronomy and Genetics; Agronomist, Agricultural Experiment Station and Extension Division; 1923; 1920; Riverview Drive; 2415-J; 105 OH; 1900.

*GARLAND, CLARENCE EUGENE, Ph. D. (Johns Hopkins, 1924); Associate Professor of Chemistry; 1931; 1924; Riverview Drive, Evansdale; 2427-R; 404 C; 1900.

*GAUGER, CHARLES, A. B. (Gettysburg College, 1905); Instructor in Economics; 1928; 1353 College Avenue; 2576-J; 40 W; 1900.

*GEILER, FREDERICK LINCK, B. Sc. Phar. (Ohio State, 1928); Instructor in Pharmacy and Health Service Pharmacist; 1928; 341 Dorsey Avenue; 2450; 9 W; 1900.

*GIBSON, JOHN ARTHUR, JR., Ph. D. (M. I. T., 1926); Assistant Professor of Chemistry; 1931; 1926; R. F. D. 4, Box 321, Star City Road; 1843-M; 301 C; 1900.

*GILL, JAMES HERBERT, M. E. (Minnesota, 1894); Professor of Machine Construction and Superintendent of Shops; 1920; 617 Grand Street; 1689-R; 101 MH; 1900.

*GIST, RUSSELL HENDERSON, B. S. Agr. (W. V. U., 1915); District Agent, Agricultural Extension Division, Northern District of West Virginia; 1924; 1922; 1265 Oak Street, Clarksburg, W. Va., P. O. Box 604; 614.

*GNAGEY, WILLIAM OLIVER, Instructor in Machine Shop Practice; 1920; R. F. D. 4; 1498-J; 101 MH; 1900.

GOULD, EDWIN, B. S. Agr. (W. V. U., 1928); Assistant in Entomology, Experiment Station; 1929; Kearneysville, West Virginia.

*GRAY, THOMAS DAVIS, B. S. Hort., (Maryland, 1915); Landscape Architect, Agricultural Extension Division; 1929; 1920; Riverview Drive; 1239-W; E; 1900.

*GRIBBLE, LLOYD RAYMOND, M. S. (West Virginia, 1931); Instructor in Zoology; 1930; 1929; 428 Cedar Street; 911-J; 22 S.

GRIFFIN, GRACE MARGARET, M. A. (W. V. U., 1927); Assistant Professor of Physical Education and Director of Service Program for Women; 1927; 1923; 160 Fayette Street; 144-J; EM; 1900.

*GROW, GEORGE WALTER, B. S. M. E. (W. V. U., 1912); M. S. (M. I. T. 1916); Assistant Professor of Drawing and Machine Design; 1917; 1912; Star City Road; 1045-J; 303 MH; 1900.

*GRUMBEIN, JOHN BEHNY, M. M. E. (Cornell, 1914); Professor of Power Engineering; 1916; 1903; 204 McLane Avenue; 1885; 120 MH; 1900.

*HAGER, BUENA BRAND, Assistant Financial Secretary; 1920; 1918; 305 South High Street; 431-R; First Floor S; 1900.

HALL, ADRIAN H., Second Lieutenant, Corps of Engineers; Student Assistant in Military Science and Tactics; 1932.

*HALL, ARTHUR A., B. S. M. E. (W. V. U., 1906); Professor of Electrical Engineering; 1922; 1916; 316 Forest Avenue; 175-M; 124 MH; 1900.

HALL, JAMES LESTER, A. B. (W. V. U., 1931); Graduate Assistant in Chemistry; 1931; 604 Hatfield Square; C; 1900.

*HARDMAN, THOMAS PORTER, B. A., M. A. (Oxford, 1911, 1914); LL. B. (W. V. U., 1914); J. D. (Yale, 1915); Dean of the College of Law, and Professor of Law; 1931; 1913; 601 Grand Street; 1522; Dean's Office, 1900.

*HARE, ALFRED JARRETT, A. M. (W. V. U., 1902); Professor of Latin Language and Literature, Emeritus; 1929; 1889; 571 Spruce Street; 870-W.

HARE, EDNA MARGARET, Secretary to the Dean of Men; 1929; 388 Dorsey Avenue; 1179-M; 11 M; 1900.

HARMAN, GEORGE BERLIN, Student Assistant in Chemistry; 1931; 150 Third Street; C; 1900.

HARRICK, STEPHEN, A. B. (W. V. U., 1924); Assistant Professor of Athletics; Coach of Wrestling; Assistant Varsity Coach of Football; and Coach of Freshman Baseball; 1931; 1923; 656 West Virginia Avenue; 753-R; FH; 1900.

*HARRIS, THOMAS LUTHER, Ph. D. (Wisconsin, 1912); Professor of Sociology; 1923; 1921; Box 358A, R. F. D. 4, Morgantown, West Virginia; 1239-M; 26B W; 1900.

*HARTLEY, CHARLES HENRY, B. S. Agr. (W. V. U., 1917); Assistant Director of Agricultural Extension Division; 1919; 1914; The Flats; 147-R; 202 OH; 1900.

HARTLEY, MRS. LOUISE FARRELL, Secretary to the Dean of the College of Law; 1924; 456 Locust Avenue; 871-W; LB; 1900.

HAYES, FLORA RAY, A. B. (W. V. U., 1909); Assistant Professor of Theory and History of Music; 1931; 1910; 474 High Street; 967-J; SM; 1900. Resigned, effective June 30, 1932.

HAYES, ISABEL RAY, Preceptress of Woman's Hall; 1923; Woman's Hall; 1398.

*HAYES, LESLIE DAVID, M. E. (Cornell, 1908); Professor of Machine Design and Construction; 1918; 804 College Avenue; 2384; 209 MH; 1900.

*HAYMAN, JOSEPH LESTER, Ph. C., M. S. (Michigan, 1919; 1925); Associate Professor of Pharmacognosy; 1929; 1919; 325 Ash Street; 1065-J; 2 W; 1900.

*HEADLEE, ALVAH JOHN WASHINGTON, M. S. (W. V. U., 1930); Graduate Assistant in Chemistry; 1929; R. D. 4; 123 C; 1900.

HECHMER, ROSEMARIE, B. S. (Columbia, 1928); Assistant Cataloguer; 1930; 284 Prospect Street; UL; 1900.

HEERMANS, MRS. FLORENCE ELLIOTT, Secretary to the Dean of the School of Medicine; 1920; 1919; 391 Protzman Street; 2019-R; 102 MB; 1900.

*HENDERSON, HARRY ORAM, Ph. D. (Minnesota, 1928); Professor of Dairy Husbandry, and Dairy Husbandman, Agricultural Experiment Station; 1928; 1920; 424 Grand Street; 860-J; 8 OH; 1306-J.

HENRY, WENDELL DAWLEY, B. S. (Rhode Island State, 1930); Graduate Assistant in Plant Pathology, College of Agriculture and Agricultural Experiment Station; 1930; 48 Campus Driveway; 2532-R; 308 OH; 1900.

HETHERINGTON, HUGH WILLIAM, A. M. (Michigan, 1927; Instructor in English; 1931; 293 Willey Street; 22 W; 1900.

*HIGGS, EDWARD H., Second Lieutenant, Infantry Reserve, Student Assistant in Military Science and Tactics; 1932; 65 High Street; 2182; A; 1900.

*HILL, HUBERT, M. S. (North Carolina, 1908); Professor of Chemistry; 1928; 1911; 312 First Street; 1958-R; 322 C; 1900.

*HILL, LAWRENCE BENJAMIN, Ph. D. (Columbia, 1922); Professor of Education; 1920; 1918; 301 Carson Street; 2590; 19 W; 1900.

*HILLIARD, ROBERT CHRISTY, Second Lieutenant, Infantry Reserve, Student Assistant in Military Science and Tactics; 1931; 615 Allen Avenue; 879-J; A; 1900.

HINKEL, LYDIA IRENE, Mus. B. (Syracuse, 1916); Assistant Professor of Music; 1921; 354 Spruce Street; 2027; 8 SM; 1900.

HITE, MRS. EVELYN PRATT, A. B. (W. V. U., 1898); Cataloguer in Library; 1924; 1922; 134 Hunt Street; 1221-J; UL; 1900.

HODGE, WILLARD WELLINGTON, M. A. (Yale, 1914); Professor of Chemical Engineering and Assistant Director of Engineering Experiment Station; 1921; Evansdale; 1045-W; 109 MH; 1900.

HOLLAND, CHARLES THOMAS, B. S. E. M. (W. V. U., 1928); Research Fellow in Mining; 1930; 68 Jones Avenue; 1792; 116 MH.

*HOLMES, MAURICE COFFYN, Sc. D. (M. I .T., 1930); Assistant Professor of Physics; 1930; 1927; 422 Grand Street; 1275-R; 10 M; 1900.

HOOKER, MARY WITHERS, Student Assistant in Library; 1931; Woman's Hall; 9775; UL; 1900.

*HOOVER, MAX MANLEY, M. S. (Kansas State Agricultural College, 1925); Assistant Professor of Agronomy and Assistant Agronomist, Agricultural Experiment Station; 1929; 1925; Dille Street; 1668-W; 105 OH; 1900.

*HOPKINS, JAMES VINCENT, M. S. Agr. (W. V. U., 1930); Dairy Specialist, Agricultural Extension Division; 1929; 1923; 206 Grant Avenue; 1919; OH; 1900.

HORACK, FRANK E., JR., A. B., J. D. (Iowa, 1926, 1929); LL. M., S. J. D. (Harvard, 1930; 1931); Assistant Professor of Law; 1931; 116 Wagner Road; 4 LB; 1900.

HOULT, CHARLES SHIRCLIFFE, Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1931; 660 N. High Street; 648; A; 1900.

*HOWARD, HUBERT COLEMAN, M. A. (Ohio State, 1928); Instructor in English; 1928; 200 Jackson Avenue; 1744-M; 30 W; 1900.

*HUDELSON, EARL, Ph. D. (Columbia, 1923); Dean of the College of Education and Professor of Education; Director of the Division of Education of the Graduate School; 1930; 1920; 63 Wilson Avenue; 1943; W; 1900.

HUFFMAN, KATHRYN, A. B. (W. V. U., 1930); Graduate Assistant in Chemistry; 1930; 1929; 765 Snyder Street; C; 1900.

HUMPHREYS, GERTRUDE, A. B. (Illinois, 1919); State Demonstration Agent, Agricultural Extension Division; 1928; 1918; 107 High Street; 389-R; 202 OH; 1900.

HURST, BEATRICE, M. A. (Columbia, 1928); Instructor in Physical Education; 1928; 198 Foundry Street; 2595-J; EM; 1900.

HUTCHINSON, BERNARD M., Student Assistant in Zoology; 1931; 364 High Street; S; 1900.

*IRVINE, CARMAN EWART, A. B. (Davis and Elkins, 1923); Graduate Assistant in Entomology; 1931; 301 Beverly Avenue; 1091-W; 302 OH; 1900.

*JACOBSON, CARL ALFRED, Ph. D. (Johns Hopkins, 1908); Professor of Chemistry; 1920; 447 Cedar Street; 1743-M; 110 C; 1900.

*JAMES, JOSEPH ALPHONSO, M. A. (W. V. U., 1930); Instructor in French and Spanish; 1928; 103 West Park Avenue; 1121-M; 45 W; 1900.

*JENNI, CLYDE BERNARD, M. S. Ch. E. (W. V. U., 1931); Instructor in Chemical Engineering; 1928; 801 Price Street; 2381-M; 107 MH; 1900.

*JENNY, GERALD, M. S. (Wisconsin, 1926); Instructor in Agricultural Journalism; and Agricultural Editor, College of Agriculture and Agricultural Experiment Station; 1929; 1161 College Avenue; 1714-R; 102 OH; 1900.

*JOHNSON, ARNOLD WALDEMAR, M. B. A. (Harvard, 1929); Assistant Professor of Accounting; 1931; 1929; 330 Wilson Avenue; 1795-J; 40 W; 1900.

*JOHNSON, DAVID DALE, A. M. (W. V. U., 1903); Litt. D. (Marietta, 1928); Professor of English; 1920; 1902; 20 Campus Driveway; 711-M; 23 W; 1900.

JOHNSON, MILDRED, Secretary of the College of Engineering; 1925; 362 Overdale Street; 1526; 123 MH; 1900.

JOHNSTON, JOHN CHARLES, Secretary to the Dean of the College of Agriculture, and Chief Clerk of the Agricultural Experiment Station; 1914; 413 High Street; 765-J; 101 OH; 1900.

*JONES, CLEMENT ROSS, M. M. E. (Cornell, 1900); Dean of the College of Engineering; 1911; 1895; 317 Willey Street; 205-J; 123 MH; 1900.

*JONES, EDWIN CHANNING, M. S. E. E. (Illinois, 1929); Instructor in Electrical Engineering; 1926; 198 Foundry Street; 644-J; 107 MH; 1900.

*JONES, LLOYD MEREDITH, A. M. (Columbia, 1927); Assistant Professor of Physical Education and Director of Service Program for Men; 1929; 1928; 1464 University Avenue; 2305-R; FH; 1900.

*KAY, WILBUR JONES, M. A. (Washington and Jefferson, 1919); Professor of Public Speaking; 1919; 519 Park Street; 1786-W; 30 M; 1900.

*KEARNS, RUTH S., Secretary to the Director of the Summer Session; 1930; 1924; 420 High Street; 311 OH; 1900.

KEENER, LOUISE, B. A. (Wellesley, 1924); Secretary to the President; 1929; Cheat Canyon Park; 3-F-24; W; 2561.

KELLER, ARNOLD LOUIS, B. S. Agr. (Ohio State, 1931); Graduate Assistant in Horticulture; 1931; Route 4; Box 96; 1020-M; 104 OH; 1306-R.

*KENDRICK, WILLIAM HENRY, A. B. (W. V. U., 1913); Assistant Director, Agricultural Extension Staff; 1913; West Virginia Four-H Camp, Weston, West Virginia; Jane Lew, 51-F-2.

KILE, LESTER G., Superintendent of Agronomy Farm; Agronomy Farm, Cheat Road; 12-F-21.

*KING, BENJAMIN WALTER, A. M. (Harvard, 1917); University Editor and Statistician; 1929; 1907; 705 North Willey Street; 2370-J; 1 W; 1900.

KING, MARJORIE ADAIR, Student Assistant in Library; 1928; 705 North Willey Street; 2370-J; UL; 1900.

KNAPP, JOHN OLIVER, B. S. Agr. (W. V. U., 1916); District Agent, Agricultural Extension, Southern District of West Virginia; 1923; 1917; Court House, Hinton, West Virginia.

*KNOWLTON, HARRY EDWARD, Ph. D. (Cornell, 1920); Professor of Horticulture; and Horticulturist, Agricultural Experiment Station; 1930; 1919; 100 Jackson Avenue; 2372-R; 104 OH; 1306-R.

KNUTTI, MRS. ELEANOR EDDY, Director, Package Library Service; 1923; 420 High Street; 484; UL.

*KOEHLER, WALTER ALLOS, Ph. D., Ch. E. (Wisconsin, 1924; 1920); Professor of Chemical and Ceramic Engineering; 1929; 1924; 253 Park Street; 2108-J; 109 MH; 1900.

LARGENT, H. WILLIAM, A. B. (W. V. U., 1931); Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1931; 230 Green Street; 483-J; A; 1900.

*LAWALL, CHARLES ELMER, M. S., E. M. (Lehigh, 1921; 1914); Director of the School of Mines; Director of Mining and Industrial Extension; Professor of Mining Engineering; 1930; 1921; 209 Grant Avenue; 1864-J; 121 MH; 74.

*LAZZELL, CHARLES LESTER, Ph. D. (Yale, 1927); Assistant Professor of Chemistry; 1929; 1922; 209 McLane Avenue; 2189-J; 304 C.

*LAZZELL, FRANCES, A. B. (W. V. U., 1923); Graduate Assistant in Chemistry; 1931; 209 McLane Avenue; 2189-J;; C; 1900.

*LEITH, THEODORIC BRIANT, M. S. (W. V. U., 1924); Assistant Chemist, Agricultural Experiment Station; Evansdale; 2045-J; E; 1900.

*LEONIAN, LEON H., Ph. D. (Michigan, 1922); Associate Professor of Plant Pathology; and Associate Plant Pathologist, Agricultural Experiment Station; 1927; 1922; 836 Price Street; 1267-J; 309 OH; 1900.

*LEWIS, MRS. MELBA, Secretary to Committee on Buildings and Grounds; 1930; 1928; 804 University Avenue; 1106-J; 9 W; 120 MH; 1900.

*LEWIS, OREN, A. C. A. (College of Commerce, Bowling Green, Ky., 1928); Teacher in Commerce, University High School; 1931; 280 Prospect Street; 239-J; HS; 1793-J.

*LIENAU, CARL CHRISTIAN, B. S. E. E. (Pennsylvania, 1929); Instructor in Electrical Engineering; 1930; 128 Simpson Street; 1241-R; 129 MH; 1900.

LILLY, VIRGIL GREENE, M. A. (W. V. U., 1929); Jones Fellow in Chemistry; 1930; 1927; 141 Willey Street; 1067; 407 C; 1900.

*LIVESAY, EDWARD ALEXANDER, D. Sc. (Harvard, 1928); Professor of Animal Husbandry; and Animal Husbandman, Agricultural Experiment Station; 1919; Oliver Drive, Evansdale; 1858-R; 106 OH.

*LONG, J. EVERETT, A. B. (W. V. U., 1926); Assistant to the Registrar; 1929; 12 West Front Street; 1038-J; Registrar's Office; W; 1900.

*LONGWELL, JOHN HARWOOD, A. M. (Missouri, 1920); Assistant Professor of Animal Husbandry; and Assistant Animal Husbandman, Agricultural Experiment Station; 1927; 1921; Star City Road; 1890-R; 106 OH; 1900.

*LOVE, MABEL M., R. N. (Bellevue Memorial Hospital, 1919); Health Service Nurse; 1930; 216 Park Street; 1296; Infirmary; 475.

LOVETT, THELMA, A. M., B. S. (W. V. U., 1930, 1931); Assistant in Anatomy; 1931; 349 Cobun Avenue; 2393; 310 M; 1788.

LOWTHER, JAMES B., M. A. (Northwestern, 1930); Instructor in Public Speaking; 1931; 195 Grant Avenue; 2468-W; 30 M; 1900.

LYNCH, CHARLES SCOTT, M. A. (W. V. U., 1930); Jones Fellow in Chemistry; 1930; 1929; 487 High Street; 1249; 407 C; 1900.

LYTLE, CLARA, M. A. (Columbia, 1921); Instructor in English; 1918; 208 Park Street; 1165; 29 W.

*MACLIN, EDWARD SILVER, B. S. Ed., (Tennessee, 1916); Professor of Industrial Education; 1921; 203 Jackson Avenue; 1744-J; 114 MH; 1900.

*MACLIN, PAULINE SPANGLER, A. B. (W. V. U., 1923); State Girls' Club Agent, Agricultural Extension Division; 1929; 1923; 203 Jackson Avenue; 1744-J. Resigned, August 15, 1931.

MADIGAN, MRS. VIRGINIA GILMORE, B. S. H. E. (W. V. U., 1922); Assistant in Library; 1930; 2175 University Avenue; 685-R; UL; 1900.

*MAHAN, WALTER EVERETT, A. B., LL. B. (W. V. U., 1925, 1927); Assistant in Athletics and Assistant Coach of Football; 1928; Wellsburg, West Virginia.

MALONE, LEE FREDERIC, A. B. (W. V. U., 1929); Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1930; 1929; 320 Simpson Street; 1930; A.

MANNING, WARREN FRANCIS, A. M. (Harvard, 1924); Instructor in French; 1928; 369 Chestnut Street; 1750; 48 W; 1900.

*MARTENS, JAMES HART CURRY, Ph. D. (Cornell, 1926); Assistant Professor of Geology; 1929; 519 Jefferson Avenue; 1733-R; 202 C; 1900.

*MASON, RALPH LEE, (Connecticut Agricultural College, 1910, special course); Poultry Specialist, Agricultural Extension Division; 1919; Box 3397, Ft. Neal Branch, Parkersburg, West Virginia.

MATHEWS, MRS. LENA MAY, Librarian, College of Law; 1930; 332 South High Street; 970; LB; 1900.

*MAXWELL, GEORGE RALPH, M. D. (Cincinnati, 1923); Instructor in Physical Diagnosis; 1923; 608 Davis Avenue; 2513; 106 MB; 1788.

MAYNARD, SIDNEY BAKER, M. A. (Nebraska, 1927); Instructor in Spanish; 1928; 516 Cobun Avenue; 665-M; 48 W; 1900.

*MCBRIDE, ARTHUR COOK, B. A. (Ohio State, 1920); Instructor in French; 1930; 1927; 340 Cobun Avenue; Classroom 3 LB; 1900.

MCCALL, AGNES WYNNE, B. S. (University of Wisconsin, 1931); Instructor in Physical Education; 1931; 160 Fayette Street; 144-J; EM; 1900.

MCCLUNG, HAROLD GORDEN, Secretary to the Director of the Division of Physical Education; 1931; FH; 1900.

*MCCUBBIN, EARL NOEL, A. M. Agr. (Missouri, 1928); Instructor in Horticulture, and Assistant Horticulturist in Agricultural Experiment Station; 1928; 747 N. Willey Street; 2398-W; 103 OH; 1306-R.

*MCELROY, DENNIS LEE, M. S. (W. V. U., 1930); Assistant Director of Mining Extension; 1930; 1928; 126 Maryland Avenue; 1150-J; 115 MH; 74.

*MCGAW, WILBERT HERSMAN, B. S. (Wooster, 1921); M. D. (Western Reserve, 1925); Director of Student Health Service; Associate Professor of Anatomy, the School of Medicine; 1929; 349 Cobun Avenue; 2393; Infirmary; 475. Resigned, June 30, 1932.

*McGREW, JAMES FRED, M. A. (University of Wisconsin, 1926); Acting Assistant Professor of Public Speaking; 1929; 325 Beverly Avenue; 1550-J; 30 M; 1900. Resigned, June 30, 1931.

*McILVAINE, THEODORE CLINTON, Ph. D. (Ohio State, 1924); Assistant Agronomist, Agricultural Experiment Station; 1920; 1918; Lakin Sub-station, Lakin, West Virginia.

McMILLION, WILLIE G., Second Lieutenant, Engineer Reserve Corps; Student Assistant in Military Science and Tactics; 1932.

MEREDITH, LONA KATE, A. B. (W. V. U., 1916); Teacher of Art in University High School; 1927; 50 Lincoln Avenue; 971-R; HS; 1793-J.

MESTREZAT, WALTER ALEXANDER, Chief Musician, Cadet Corps, and Director in Band; 1901; 950 University Avenue; 23 A; 1900.

MILLARD, JACK A., Second Lieutenant, Engineer Reserve Corps; Student Assistant in Military Science and Tactics; 1932.

MINNICH, EDGER RAY, A. B. (W. V. U., 1931); First Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1931; 692 N. High Street; 1207; A; 1900.

*MITRANI, CHARLES, Ph. D. (Harvard, 1929; Associate Professor of Romance Languages; 1931; 1921; 422 Grand Street; 360; 43 W; 1900.

*MOLBY, FRED A., Ph. D. (Cornell, 1910); Professor of Physics; 1921; 1920; 301 Cornell Avenue; 391; 12 M; 1900.

*MOODY, CHARLES OLIVER, B. S. (W. V. U., 1928); M. D. (Medical College of Virginia, 1931); Instructor in Pathology and Bacteriology; 1931; 1928; 420 High Screet; 279; 203 MB; 1900.

*MOORE, EARL NEIL, D. V. M. (Ohio State, 1930); Assistant Veterinarian, Agricultural Experiment Station; 1931; 101 Jones Avenue; 1822; 305 OH; 1900.

MOORE, GLADYS ELIZABETH, Secretary to the University Editor and Statistician; 1930; 229 Cherry Street; 452-J; 1 W; 1900.

*MOORE, JULIA HELMICK, Secretary to the Dean of Women; 1929; R. F. D. Box 82; 243-M; EM; 2018.

MOORE, SUSAN MAXWELL, A. B. (W. V. U., 1909); Instructor Emeritus in Piano and Sight Playing; 1903; 174 First Street; 1958-J; 14 SM; 1900.

*MORRIS, RUSSELL LOVE, C. E. (W. V. U., 1898); Professor of Railway and Highway Engineering; 1903; 1895; 244 Grand Street; 621-J; 220 MH; 1900. Deceased, September 1, 1931.

*MORRIS, SAMUEL, Ph. D. (Ohio State, 1921); Professor of Chemistry; 1921; 1916; 126 Simpson Street; 623-M; 106 C; 1900.

*MORRIS, SAMUEL JOHN, M. D. (W. V. U., Maryland, 1912); Professor of Anatomy; 1920; 1912; 205 Kingwood Street; 960-J; 301 MB; 1788.

*MURPHY, WALLACE CARLTON, Ph. D. (Illinois, 1928); Associate Professor of Political Science; 1930; 1928; on leave of absence, 1930-31 and 1931-32.

MUSGROVE, WILLIAM DONALD, B. S. Ch. E. (W. V. U., 1931); Research Fellow in Chemical Engineering; 1931; 228 Wilson Avenue; 97; C; 1900.

*MYERS, IRA ODELL, M. S. (W. V. U., 1927); Instructor in Physics; 1927; 2119 University Avenue; 10 M; 1900.

*NEALE, A. EARLE, Assistant Professor of Athletics, Head Coach of Football; 1930; 237 Park Street; 109; FH; 1900.

*NEFF, CHARLES THOMPSON, JR., A. B. (W. V. U., 1921); Secretary of the Board of Governors; 1927; 308 Morris Street; 2557; 13 W; 1900 and 2560.

NELSON, ROY EZEKIEL, M. S. C. E. (W. V. U., 1925); M. S. Highway Engineering (Iowa State, 1925); Assistant Professor of Railway and Highway Engineering; 1925; 1921; 373 Brockway Avenue; 1563; 222 MH; 1900.

NESBIT, ROBERT LEROY, Captain, Infantry, D. O. L. United States Army; Assistant to Professor of Military Science and Tactics; 1931; Riverview Avenue; 2085; A; 1900.

NESBITT, NELL, A. M. (Chicago, 1912); Assistant Professor of Home Economics, 1923; 160 Fayette Street; 144-J; 212 OH; 1900.

NOER, RUTH DOUGLAS, M. S. (Minnesota, 1925); Dean of Women and Assistant Professor of Home Economics; 1929; 1925; 358 Spruce Street; 1623-R; EM; 2018.

OJALA, SULO, Creamery Superintendent; 1930; 324 Beverly Avenue; 803-R.

*OLNEY, ROY A., Ph. D. (Cornell, 1929); Associate Professor of Agricultural Education; 1930; 1923; 796 North Willey Street; 329-R; 207 OH; 1900.

*ORTON, CLAYTON ROBERTS, Ph. D. (Columbia, 1924); Professor of Plant Pathology, and Plant Pathologist, Agricultural Experiment Station; 1929; 36 Campus Drive; 2498; 309 OH; 1900.

OVREBO, GERHARD O., B. A. (St. Olaf College, 1930); Graduate Assistant in Mathematics; 1930; 658 Spruce Street; 1469; 12 C; 1900.

PAGE, NADINE, M. A. (Chicago, 1925); Instructor in English; 1926; 1925; 211 Grant Avenue; 608-J; 29 W; 1900.

PALMER, BETH MAE, M. S. (Iowa State, 1927); Assistant Professor of Home Economics; 1927; 2157 University Avenue; 2449-J; 211 OH; 1900.

PALMER, NEVA MAE, A. B., A. M. (W. V. U., 1927, 1929); Graduate Assistant in Chemistry; 1931; 1928; 402 Forest Avenue; C; 1900.

*PARRY, VERNON FRANK, M. S. (Carnegie Tech., 1923); Lecturer in Industrial Science Division; 1931; 224 Hagans Avenue; 2066.

*PARSONS, DICKSON WARD, Ph. D. (Cornell, 1930); Associate Professor of Agricultural Education; 1930; 1923; 1239 College Avenue; 1714-W; 207 OH; 1900

PATTERSON, ROBERT COMPTON, A. B. (W. V. U., 1932); Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; Student Assistant in Zoology; 1930; 2139 University Avenue; 373-R; A; S; 1900.

*PEAIRS, LEONARD MARION, Ph. D. (Chicago, 1925); Professor of Entomology and Entomologist, Agricultural Experiment Station; 1914; 1912; 104 Jones Avenue; 895; 306 OH; 1900.

PETTIGREW, MRS. HELEN PURINTON, M. A. (W. V. U., 1921); Instructor in English; 1924; 1919; 76 Grandview Avenue; 427; 21 W; 1900.

PICKENS, BYRD LEA, M. A. (W. V. U., 1930); Assistant Librarian in Charge of Reserve; 1930; 496 High Street; 2163; UL; 1900.

*PIERRE, WILLIAM HENRY, Ph. D. (Wisconsin, 1925); Associate Professor of Agronomy, and Associate Agronomist, Agricultural Experiment Station; 792 Grand Street; 972-R; 1900.

POHLMAN, GEORGE GORDON, Ph. D. (Iowa State College, 1930); Assistant Professor of Agronomy, and Assistant Agronomist, Agricultural Experiment Station; 1930; 426 Jefferson Avenue; 902; 105 OH; 1900.

POLLOCK, REBECCA LUELLA, Ph. D. (Iowa, 1926); Professor of Education; 1928; 1916; 300 Glendon Avenue; 2381-R; 17 W; 1900.

*PORTERFIELD, ALLEN WILSON, Ph. D. (Columbia, 1910); Professor of German; 1924; 1899; 141 Willey Street; 1067; 26 W; 1900.

POST, CARL BRANDT, Student Assistant in Physics; 1930; 232 Wilson Avenue; 97; M; 1900.

POTTER, CHARLES JACKSON, M. S. Ch. E. (Missouri, 1930); Jones Research Fellow in Chemical Engineering; 1930; 487 High Street; 1249; 108 MH; 1900.

*POUNDSTONE, JAMES STANLEY, Instructor in Mining Extension; 1924; 513 Madison Avenue; 1333-R; MH; 1900.

POWELL, RUPERT WENDELL, B. S. (W. V. U., 1931); Assistant in Biochemistry and Pharmacology; 1931; 355 Wilson Avenue; 1528; 430 C; 1900.

*PRAY, HENRY AUGUSTUS HOLDEN, Ph. D. (Wisconsin, 1925); Assistant Professor of Chemistry; 1931; 1926; 505 Beverly Avenue; 2422-R; 214 C; 1900.

*PRETTYMAN, HUGH WILLARD, B. S. Agr. (W. V. U., 1917); District Agent, Agricultural Extension Division, 1917; Inwood, West Virginia; Inwood 7.

*PRICE, PAUL HOLLAND, Ph. D. (Cornell, 1930); Instructor in Geology; 1930; 313 Wagner Road; 814-W; 314-315 C; 1900.

PRIDE, CECIL BENJAMIN, M. D. (Western Reserve, 1925); Instructor in Principles and Practice of Surgery; 1926; 451 Jefferson Street; 2146; 103 MB; 1788.

PURINTON, MRS. BERTHA BROWNING, A. M. (W. V. U., 1903); Assistant Registrar; 1928; 1919; 109 Gaston Avenue; 311-R; W; 1900.

*PURINTON, DANIEL BOARDMAN, Ph. D. (Nashville, 1892); LL. D. (Dennison University, 1889); President and Professor of Philosophy, Emeritus; 1911; 1873; 85 Grandview Avenue; 1724-R.

RAFFERTY, MICHAEL ALPHONSE, Ph. C. (W. V. U., 1929); Instructor in Pharmacology and Biochemistry; 1931; 1929; 446 Spruce Street; 2078; 430 C; 1900.

*RAPKING, AARON HENRY, A. B. (Baldwin Wallace, 1912); B. D. (Garrett Biblical Institute, 1914); Rural Organization Specialist, Agricultural Extension Division; Lost Creek, Route 1, Telephone, West Milford.

REAY, MARGARET VIRGINIA, B. S. (Columbia U. School of Library Service, 1931); Assistant Cataloguer; 1927; 154 Holland Avenue; 53; UL; 1900.

*REED, ELIZABETH FROST, A. M. (Columbia, 1919); Instructor in English; 1919; Hopecrest; 2366-J; 21 W; 1900.

*REED, PERLEY ISAAC, Ph. D. (Ohio State, 1916); Professor of Journalism; 1927; 1920; Hopecrest; 2366-J; 52 W; 1900.

*REESE, ALBERT MOORE, Ph. D. (Johns Hopkins, 1900); Professor of Zoology; 1907; Hopecrest; 1724-W; 24 S; 1900.

REYNOLDS, CARROLL FOSTER, Student Assistant in Library; 1928; 620 Preston Road; 1198-M; UL; 1900.

*REYNOLDS, CLARENCE NEWTON, JR., Ph. D. (Harvard, 1919); Professor of Mathematics; 1931; 1921; 217 McLane Avenue; 235-J; 209 C; 1900.

RICHARDSON, MARY LOUISE, A. B. (W. V. U., 1927); Head of Circulation Department; 1927; Apartment 5, Delmar Building, High Street; 1630-M; UL; 1900.

RICHMOND, JEAN ELNORA, M. A. (Iowa, 1924); Assistant Professor of Home Economics and Education; 1924; 334 Willey Street; 111 OH; 1900.

*RIETZ, JOHN HARRISON, D. V. M. (Ohio State, 1903); Associate Professor of Veterinary Medicine and Associate Veterinarian, Agricultural Experiment Station; Assistant Veterinarian West Virginia University Department of Agriculture; 1927; Rotary Street; 1933-M; 301 OH; 1030.

RILEY, FREDERICK FRASURE, A. B. (W. V. U., 1931); Second Lieutenant, Infantry Reserve; Student Assistant in Military Science and Tactics; 1931; 2146 University Avenue; 2449-R; A; 1900.

RINEHART, GEORGE RAYMOND, A. B. (De Pauw University, 1930); Part-time Instructor in Journalism; 1931; 318 Brockway Avenue; 245-R; 52 W; 1900.

ROBERTS, WARREN RANGELEY, Instructor in Mining Extension; 1929; Logan, West Virginia.

ROBINSON, DENNIS HARDESTY, B. S. (W. V. U., 1931); Assistant in Physiology; 1931; 308 Carson Street; 2187-W; 202-A; 1788.

ROBINSON, ROBERT ROSS, JR., B. S. Agr. (W. V. U., 1931); Graduate Assistant in Agronomy; 1931; 1929; 550 Spruce Street; 349-R; E; 1900.

RODGERS, EDWARD G., Second Lieutenant, Engineer Reserve; Student Assistant in Military Science and Tactics; 1931; 65 High Street; 2182; A; 1900.

*RODGERS, IRA ERRETT, A. B. (W. V. U., 1920); Assistant Professor of Athletics; Assistant Coach of Athletics; 1931; 1920; 301 Glendon Avenue; 956; FH.

ROESCH, LYDIA, Ph. D., (Tubingen, 1931); Instructor in German; 1926; 1925; 272 Prospect Street; 349-M.

*ROETMAN, EDMOND TEERINK, B. S. (Iowa State College, 1927); Research Fellow in Sanitary Engineering; 1931; 811 Monongalia Avenue; 2350-J; C; 1900.

*ROTH, CLARENCE EDWARD, A. M. (W. V. U., 1930); Instructor in History; 1931; 1930; 278 Falling Run Road; 2353-M.

*ROWLEY, HOMER KING, M. S. Agr. (W. V. U., 1927); Seed Analyst, Agricultural Experiment Station; 1925; 1924; OH; 1030.

*RUFENER, LOUIS AUGUST, Ph. D. (Harvard, 1915); Professor of Economics; 1922; 1920; Hopecrest; 1724-R; 28 W; 1900.

*RUMSEY, WILLIAM EARL, B. S. Agr. (Cornell, 1891); State Entomologist; 1913; 1893; 415 Park Street; 671-R; 306 OH; 1030.

*RUNNER, CHARLES MICHAEL, Stationary Engineer; 1919; 213 Kingwood Street; 696-R; 15 MH; 1900.

*SAMUEL, HARRY LAWRENCE, M. S. (Michigan, 1928); Assistant Professor of Physical Education; and Director of Intramural Athletics; 1929; 1928; 343 Dorsey Avenue; 1227-M; FH; 1774.

SAPOSNEKOW, JACOB CHARLES, M. A. (Columbia, 1917); Assistant Professor of Sociology; 1924; 369 Chestnut Street; 1750; 40 W; 1900.

SAYRE, GREEK, M. A. (W. V. U., 1920); Instructor in English; 1922; 1918; 16 Overhill Street; 193-W; 24 W; 1900.

*SCHNEIDERHAN, FELIX JOHN, M. S. (Minnesota, 1915); Associate Plant Pathologist, Agricultural Experiment Station, and Superintendent, University Experiment Farm, Kearneysville; 1929; Kearneysville, West Virginia.

*SCHNOPP, WALTER CLINTON, B. S. Agr. (W. V. U., 1925); Extension Publicity Specialist and Editor; 1929; 1923; Evansdale; 2415-R; 202 OH; 1900.

SCHOFIELD, MORTIMER SIGMUND, Student Assistant in Zoology; 1931; 52 Campus Drive; 241; S; 1900.

*SCHOTT, CARL PETER, Ph. D. (Columbia, 1928); Director of the Division of Physical Education and Professor of Physical Education; 1928; 834 College Avenue; 2419; FH; 1900.

*SCHULTZ, HENRY THOMAS, First Sergeant, D. E. M. L., United States Army; Assistant to Professor of Military Science and Tactics; 741 Elysian Avenue; A; 1900.

SCRANAGE, GLADYS MAE, B. S. H. E. (W. V. U., 1924); District Home Demonstration Agent; 1928; 1924; Hinton, West Virginia. Resigned, October 1, 1931.

*SEAMAN, RAYMER EGBERT, Instructor in Woodworking and Foundry Practice; 1912; 750 College Avenue; 311-M; 205 MH; 1900.

SELL, IVA IRENE, M. S. (Minnesota, 1927); Assistant Professor of Home Economics and Education; 1931; 1930; Masontown, W. Va.

SHANKS, MRS. CAROLINE LEWIS, Ph. D. (Cornell, 1917); Instructor in History; 1926; 329 Spruce Street; 645-J; 427 C; 1900. On leave of absence second semester 1931-32.

SHARP, WARD MCCLINTIC, M. S. (W. V. U., 1931); Instructor in Botany; 1931; 1930; 76 Donley Street; 910-W; 34 S; 1900.

*SHAW, EDWARD LEE, B. Sc. (Ohio State, 1902); Sheep Specialist, Agricultural Extension Staff; 1917; Extension Division; OH.

*SHEPARD, VOLNEY WILLIAM, A. B. (Washington State College, 1924); Diploma (Oregon State College, 1922); Assistant Professor of Music; 1930; 1927; Stewartstown Road; 1269-R; SMA; 1900.

SHERWOOD, EVERETT CLIFTON, M. S. (Wisconsin, 1920); Assistant Plant Pathologist, Agricultural Experiment Station; and Plant Disease and Insect Specialist, Agricultural Extension Division; 1920; 834 College Avenue; 2419; OH; 1900.

*SHIPMAN, GEORGE ANDERSON, Ph. D. (Cornell, 1931); Assistant Professor of Political Science; 1930; 313 Kingwood Street; 1819-R; 410 C; 1900.

SHIREY, ZOLA, B. S. (Minnesota, 1930); Assistant Dietitian and Assistant in Home Economics; 1931; 1930; 468 Spruce Street; 141-M; Woman's Hall; 1359.

*SHORTRIDGE, WILSON PORTER, Ph. D. (Minnesota, 1919); Dean of the College of Arts and Sciences, Professor of History, and Chairman of the Division of Social Sciences of the Graduate School; 1929; 1922; 151 Wagner Road; 1215-R; 10 W; 1900.

*SIBBALD, MINERVA LAWSON, B. Mus. (W. V. U., 1926); Instructor in Public School Music, 1926; 1923; 354 Spruce Street; 2027; 10 SM.

SIMONSON, RUTH JEAN, A. B. (Upper Iowa, 1920); Instructor in Public Speaking; 1925; 2157 University Avenue; 764-R; 30 MH; 1900.

*SIMONTON, JAMES WIGGINS, A. B. (Indiana, 1903); J. D. (Chicago, 1908); S. J. D. (Harvard, 1924); Professor of Law; 1926; 1914; 268 Allison Street; 1553-J; 6 LB.

SIMPSON, JOHN NATHAN, A. B. (Peabody, 1893); M. D. (Johns Hopkins, 1902); Dean of the School of Medicine, and Professor of Medicine; 1912; 1902; 321 Simpson Street; 244-J; 101, 101-A; MB.

*SKUCE, THOMAS WESLEY, B. S. (Michigan State, 1924); Forestry Specialist; Agricultural Extension Division; 1925; Demain Avenue; 2307-J; E; 1900.

SLEETH, BAILEY, M. S. Agr. (W. V. U., 1928); Jones Fellow in Agriculture; 1930; 48 Campus Drive; 2532-R; OH; 1900.

*SLY, JOHN FAIRFIELD, Ph. D. (Harvard, 1926); Professor of Political Science; Director of the Bureau for Government Research; 1930; Evansdale; 858; 412 C; 1900.

*SMITH, ANDREW H., Supervisor of Mine Foreman Training; 1928; Beckley, West Virginia.

*SMITH, ARTHUR NEWELL, A. B. (Buffalo, 1912); Assistant Professor of Athletics and Coach of Track Athletics; 1931; 1923; 244 Waitman Street; 914-W; FH.

SMITH, FRED MANNING, Ph. D. (Cornell, 1922); Associate Professor of English; 1931; 1927; 200 South High Street; 485-J; 31 W; 1900.

*SMITH, HOWARD CARROLLTON, B. S. Agr. (W. V. U., 1921); Superintendent of Poultry Farm; 1921; 51 Locust Avenue; 845-W.

*SMITH, MARIE COURTNEY, Secretary to the Director of the School of Music; 1923; 733 College Avenue; 989; 7 SM; 1900.

SMITH, WILLARD L., Captain, Infantry, D. O. L., United States Army, Assistant Professor of Military Science and Tactics; 1932; A; 1900. Detailed for service at the University, January 16, 1932.

SNEE, MRS. GRACE MARTIN, B. M. (Virginia, 1897); Instructor in Piano and Pipe Organ; 1901; 1898; 223 Hagans Avenue; 2349-J; 14 SM; 1900.

SNYDER, MARVIN HOWARD, B. S. (W. V. U., 1931); Graduate Assistant in Agronomy; 1931; 1929; Route 4, Box 387; 1668-W; OH; 1900.

SOUPART, SYLVIA JOSEPHINE, M. A. (Teachers' College, Columbia, 1924); Instructor in Education, College of Education, and Teacher of English, University High School; 1931; 1925; 125 Fayette Street; 1049-J; HS; 1793-J.

SPANGLER, HELEN V., Student Assistant in Botany; 1931; 729 Naomi Street; 207-J; S; 1900.

*SPANGLER, ROBERT CLIFTON, Ph. D. (Chicago, 1925); Professor of Botany; 1926; 1914; 729 Naomi Street; 207-J; 33 S; 1900.

SPEIDEN, EDGAR FRENCH, Student Assistant in Civil Engineering; 1930; 304 Willey Street; 2324; 214-A MH; 1900.

SPEIDEN, HENRY WITHERS, B. S. C. E. (W. V. U., 1925); Graduate Assistant in Civil Engineering; 1931; 2154 University Avenue; 1143; 305 MH; 721.

*SPIKER, CLAUDE CARL, Ph. D. (Chicago, 1922); Professor of French and Spanish; 1926; 1913; 104 Jackson Avenue; 1545-W; 48 W; 1900.

SPITZNOGLE, JESS CLARENCE, JR., Student Assistant in Physics; 1931; 670 N. High Street; 422; S; 1900.

*SPRAY, ROBB SPALDING, Ph. D. (Chicago, 1923); Professor of Bacteriology and Public Hygiene; 1926; 1921; 308 South High Street, 997-R; 209 MB; 1900 or 1788.

*STAAB, WILLIAM ANDERSON, E. M. (Lehigh, 1910); Assistant Professor of Mining Engineering; 1926; 762 Willey Street; 2034-M; 117 MH; 74.

*STADSVOLD, FRANCIS, LL. B. (Minnesota, 1920); Assistant in Athletics; Coach of Basketball; 1920; FH; 1900.

STALNAKER, ELIZABETH MATTINGLY, Ph. D. (Johns Hopkins, 1923); Professor of Psychology; 1928; 1925; 354 Spruce Street; 1623-M; 30 L; 1900.

STANLEY, ALFRED REEVES, A. B. (Penn College, Iowa, 1930); Graduate Assistant in Plant Pathology, College of Agriculture and Agricultural Experiment Station; 1930; 19 McLane Avenue; 1654; 309 OH; 1900.

*STANSBURY, HARRY ADAMS, B. S. (West Virginia Wesleyan, 1915); Director of Intercollegiate Athletics; 1916; 108 Wilson Avenue; 59; 181 Bank Street, Monongahela Building; 1641.

*STATHERS, MADISON, Ph. D. (Grenoble, 1905); Professor of Romance Languages; 1910; 1906; 236 Grand Street; 594-W; 11 W; 1900.

STEELY, MARLIN LUTHER, B. S. Ch. E. (W. V. U., 1931); Graduate Assistant in Chemical Engineering; 1931; 324 Willey Street; 177; 109 MH; 1900.

*STELZER, ROLAND OTTO, M. S. (Wisconsin, 1931); Assistant in Farm Economics, Agricultural Experiment Station; and Farm Management Specialist, Agricultural Extension Division; 1929; 309 Stewart Street; 1190-M; 311 OH; 1900.

*STEMPLE, FORREST WILBUR, Ph. D. (Cornell, 1930); Professor of Education; 1931; 1918; 10 McLane Avenue; 2414-J; 17 W; 1900.

*STEWART, JAMES SCOTT, M. S. (W. V. U., 1880); Professor of Mathematics, Emeritus; 1907; 1877; 146 Willey Street; 120-R.

STEWART, JOSEPH K., A. B. (Marshall, 1927); M. S. (W. V. U., 1931); Graduate Assistant in Mathematics; 1930; 252 Beechurst Avenue; 907-M; 212 C; 1900.

*STILLMAN, HERMAN DELOSS, Assistant in Woodworking; 1920; 357 Falling Run; 11 W; 205 MH; 1900.

*STOCKDALE, CHARLES ELLSWORTH, M. S. Agr. (W. V. U., 1926); Economist, Agricultural Extension Division; 1930; 1916; 504 Grand Street; 1948-R; 200 OH; 1900.

*STONE, HARRY EVERETTE, A. M. (Columbia, 1922); Dean of Men; 1922; 208 Maple Avenue; 1163-W; 11 M; 1900.

*STOOPS, LOWRY MCELVAINE, A. B. (W. V. U., 1917); Assistant Director of Intercollegiate Athletics; 1926; 414 Grant Avenue; 1146; 181 Bank Street, Monongahela Building; 1641.

*STOUT, CLYDE GRAHAM, Instructor in Mining Extension; 1925; Welch, West Virginia.

*STRAUSBAUGH, PERRY DANIEL, Ph. D. (Chicago, 1920); Professor of Botany; 1923; 591 Spruce Street; 834-J; 32 S; 1900.

*STRONG, PASCHAL N., C. E. (Cornell, 1925); Graduate (U. S. M. A., West Point, N. Y., 1922); First Lieutenant, C. of E., D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1928; 428 Grand Street; 575-J; A; 1900. Will return to service with troops, **June, 1932.**

STUART, ARCHIE DAVID, B. S. (N. C. State, 1930); Graduate Assistant in Agronomy, College of Agriculture and Agricultural Experiment Station; 678 Spruce Street; 691-J; E; 1900.

STURGISS, MARIE H., Secretary to the Chairman of the Graduate Council; 1930; 240 Wagner Road; 1931; 205 C; 1900.

SULLIVAN, MARY ELIZABETH, Secretary to the Alumni Secretary; 1924; 549 Brockway Avenue; 1228-J; L; 1326.

SUTTON, LUTHER FRANCIS, B. S. Agr. (Wisconsin, 1912); Assistant Dairy Husbandman, and Superintendent of the Reymann Memorial Experimental Farms; 1917; 1912; Wardensville, West Virginia. Resigned, December 31, 1931.

SWING, LEONARD CARL, B. S. Ch. E. (W. V. U., 1931); Research Fellow in Chemical Engineering and Student Assistant in Military Science and Tactics; 1931; 225 Wilson Avenue; 1735; C; A.

TALBOTT, RALPH EDWARD, A. B. (W. V. U., 1930); Assistant in Anatomy and Histology; 1930; 212 Park Street; 1289-M; 110 MB; 1900.

TALBOTT, WILLIAM BROWN, Instructor in Mining Extension; 1928; Bramwell, West Virginia.

TALLMAN, CHARLES CAMERON, LL. B. (W. V. U., 1925); Assistant in Athletics; Coach of Freshman Football; 1929; Madeira Hotel, Morgantown; Beech Hill, West Virginia.

*TAYLOR, MRS. J. B., Student Assistant in Zoology; 1931; Suncrest Park; 1891-J; S; 1900.

*TAYLOR, JENNINGS BRYAN, M. S. (Kentucky, 1922); Instructor in Anatomy; 1927; Suncrest Park; 1891-J; 308 MB; 1900.

*TAYLOR, LELAND HART, Sc. D. (Harvard, 1922); Associate Professor of Zoology; 1927; 1922; 116 Lincoln Avenue; 1733-J; 24 S; 1900.

TEAGUE, CARMON EDWARD, B. S. (Alabama Polytechnic Institute, 1930); Graduate Assistant in Dairy Husbandry, College of Agriculture and Agricultural Experiment Station; 1930; 426 Jefferson Street; 902; OH; 1900.

THOMAS, BEATRICE, B. S. (Wisconsin, 1928); Instructor in Physical Education; 1928; 160 Fayette Street; 144-J; EM; 1900.

THOMAS, BESSIE, Assistant Secretary of the College of Engineering; 1931; 1928; 96 Marion Street; 1005-R; 304 MH; 721.

THOMAS, CHARLES DANSER, A. B., M. S. (W. V. U., 1930, 1931); Instructor in Physics; 1931; 1928; 146 Hunt Street; 523-J; 10 M; 1900.

THORNHILL, WILLIAM ALBERT, A. B., B. S. (W. V. U., 1930, 1931); Assistant in Pathology and Bacteriology, and in Biochemistry; 1931; 310 Second Street; 1651; 209 MB; 431 C; 1900.

THORNILEY, RUTH, Student Assistant in Home Economics Research; 1930; 445 Lorentz Avenue; 1879; OH; 1900.

*THURSTON, LLOYD MASSENA, Ph. D. (Minnesota, 1928); Associate Professor of Dairy Husbandry, and Associate Dairy Husbandman, Agricultural Experiment Station; 1931; 1929; 796 Grand Street; 1726-W; 7 OH; 1306-J.

*TISDALE, ELLIS SPENCE, B. S. San. Eng'g. (M. I. T., 1915); Director, Division of Sanitary Engineering (State Department of Health.) Director of Conference on Water Supply and Purification; Charleston, West Virginia.

*TROTTER, FRANK BUTLER, A. M. (Roanoke, 1890); LL. D. (West Virginia Wesleyan, 1914); President Emeritus, and Professor of Latin, 1928; 1907; 108 McLane Avenue; 151; 310 C; 1900.

TUCKER, EVELYN MAE, Secretary to the Director of the School of Mines; 1929; 88 Marion Street; 2387-J; 121 MH; 74.

TUCKWILLER, ROSS HOMAN, B. S. Agr. (W. V. U., 1916); Assistant Animal Husbandman, Agricultural Experiment Station; 1916; Lewisburg, West Virginia.

TURNER, BIRD MARGARET, Ph. D. (Bryn Mawr, 1920); Professor of Mathematics; 1931; 1923; 107 High Street; 253-J; 210 C; 1900.

*TURNER, JOHN ROSCOE, Ph. D. (Princeton, 1913); LL. D. (W. V. U., 1928); President; 1928; 1549 University Avenue; 216; President's Office, W; 2561.

VACHERESSE, EDWARD, Coach of Boxing and Assistant Coach of Football; 1928; 672 North High Street; 228; FH; 1900.

VANDERVORT, ENA VIVIAN, Secretary of the College of Education, 1931; R. D. 3, Box 91; 243-W.

*VAN HORN, KARL LANE, A. B., B. S. (W. V. U., 1927, 1931); Assistant in Pathology; 1931; 246 Stewart Street; 458-R; 203 MB; 1900.

*VANLANDINGHAM, AUDREY HOWARD, M. S. (W. V. U., 1931); Assistant in Agricultural Chemistry, Agricultural Experiment Station; 1931; 1929; 441 Clark Street; 1876-R; E; 1900.

*VAN LIERE, EDWARD JERALD, M. D. (Harvard, 1920); Ph. D. (Chicago, 1927); Professor of Physiology; 1921; 241 Wagner Road; 1553-R; 202 MB; 1900.

*VEHSE, CHARLES HENRY, M. S. (Brown, 1926); Ph. D. (Brown, 1932); Assistant Professor of Mathematics; 1929; Star City Road, Suncrest; 797-R; 207 C; 1900.

*VERNER, LEIF, M. S. (Penn State, 1926); Assistant Horticulturist, Agricultural Experiment Station, and Horticulture Specialist, Agricultural Extension Division; 1930; University Experiment Farms, Kearneysville, West Virginia.

*VEST, MARVIN LEWIS, B. S. (Davis and Elkins, 1927); Graduate Assistant in Mathematics 1931; 313 Ford Street; 839-M; 212 C; 1900.

*VICKERS, ENOCH HOWARD, A. M. (Harvard, 1894; Professor of Economics and Sociology; 1911; 820 College Avenue; 2136; 28 W; 1900.

WADDELL, MAYME ELIZABETH, B. S. (Minnesota, 1930); Dietitian and Instructor in Institutional Management; 1930; 134 Hunt Street; 1221-J; Cafeteria; 1939.

WADE, GEORGIA CHORPENING, A. B. (W. V. U., 1926); Assistant in Library; 1930; 256 Prairie Avenue; 210-R; UL; 1900.

*WADEPUHL, WALTER, Ph. D. (Wisconsin, 1921); Assistant Professor of German; 1926; 201 Jones Avenue; 2340; 20 W; 1900.

*WALKER, WALTER HAMILTON, M. A. (W. V. U., 1929); Jones Fellow in Chemistry; 1930; 89 Marion Street; 755-R; 405, 407 C; 1900.

WATSON, GLENN SANFORD, M. S. (W. V. U., 1931); Graduate Assistant in Chemistry; 1931; C; 1900.

WATSON, HOBART, Instructor in Mining Extension; 1925; Mount Hope, West Virginia.

*WEAKLEY, CHARLES EDWARD, JR., M. A. (W. V. U., 1930); Assistant Chemist, Agricultural Experiment Station; 1907; Star City Road; 2481-R; ; 1900.

WEIL, JEANNETTA, Chief Clerk, Agricultural Extension Division; 1919; 1911; 590 Spruce Street; 1696-R; 201 OH; 1900.

WELLS, DANA, M. A. (Kansas, 1930); Instructor in Geology; 1930; 633 Spruce Street; 333-R; 202 C; 1900.

WEST, MRS. HELEN G., Secretary, Health Service; 1929; 356 Spruce Street; 1007; Infirmary; 475.

WEST, RUFUS ASA, Instructor in Metal Working; 1919; 1892; 301 First Street; 368-J; 2 MH; 1900.

*WESTOVER, KYLE CHESTER, M. S. Agr. (W. V. U., 1924); Assistant Professor of Horticulture, and Assistant Horticulturist, Agricultural Experiment Station; 1921; Riverview Drive, Evansdale; 1858-J; 103 OH; 1306-J.

*WHIPPLE, STEPHEN CARSON, B. S. (California, 1914); Captain, Corps of Engineers, D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1930; 325 Maple Avenue; 505; A; 1900.

*WHITE, BENNETT SEXTON, B. S. M. E. (W. V. U., 1897); Assistant Professor of Drawing and Machine Design; 1922; 1919; 115 Quay Street; 1634; 210 MH; 1900.

WHITE, MRS. MINNIE CARPER, Assistant Preceptress at Boughner House; 1924; 504 North High Street; 295.

*WHITESIDES, STERLING EUGENE, JR., Graduate (U. S. M. A., 1918); First Lieutenant, Infantry, D. O. L., United States Army; Assistant Professor of Military Science and Tactics; 1927; 371 Spruce Street; 461-J; A; 1900. Returned to service with troops, February 2, 1932.

*WHITTLESEY, FREDERICK RENDELL, B. A. (Wooster, 1921); M. D. (Western Reserve, 1925); Director, Student Health Service; 1931; 1930; 124 Lincoln Avenue; 654-M; Infirmary; 475. Appointment effective July 1, 1932.

WIANT, ISAAC JOSEPH, Student Assistant in Chemistry; 1931; Box 301, B, Route 4; 2512-M; C; 1900.

WIGHTMAN, ERNEST THOMAS, M. S. Agr. (W. V. U., 1926); Instructor in Poultry Husbandry; and Poultry Specialist, Agricultural Extension Division; 1926; 1924; 141 Willey Street; 1067; E; 1900.

*WILES, ISAIAH A., M. S. (W. V. U., 1931); Graduate Assistant in Zoology; 1931; 1929; Dille Street; S; 1900.

*WILEY, ANDREW VALENTINE, A. B. (W. V. U., 1930); Order and Bindery Clerk, Library Staff; 1930; 751 Snider Street; 1230-W; UL; 1900.

WILLIAMS, LORING RIDER, B. S. (West Virginia Wesleyan); 1927; Graduate Assistant in Chemistry; 1931; 304 Carson Street; 2178; 115 C; 1900.

*WILLIS, DENNIS MARTIN, A. B., LL. M. (W. V. U., 1903, 1905); Financial Secretary; 1917; 1895; 244 Park Street; 1666; S; 1900.

*WILSON, CHARLES VINYARD, M. S. (Iowa State, 1924); Assistant Professor of Animal Husbandry; and Assistant Animal Husbandman, Agricultural Experiment Station; 1924; 1919; 2201 University Avenue; 1530-J; 106 OH; 1900.

WILT, MAY LANDSTREET, M. A. (Columbia, 1929); Instructor in Education, College of Education; and Teacher of Mathematics in University High School; 1931; 1924; Delmar Building, High Street; 1630-J; HS; 1793-J.

*WINTER, JOHN E., Ph. D. (Michigan, 1917); Professor of Psychology; 1923; 1921; 324 Grandview Avenue; 1716-W; 33 L; 1900.

WOOD, KENNETH, (Syracuse, 1918); Assistant Professor of Violin and Ensemble; 1931; 1928; 204 Grant Street; 542-R; SMA; 1900.

*YOKE, F. ROY, LL. B. (W. V. U., 1904); Alumni Secretary; 1922; 318 Wilson Avenue; 1446; Library; 1326.

*YOUNG, CLARENCE MORRIS, A. B. (W. V. U., 1928); Part-time Teacher in English and Social Studies, University High School; 1931; Route 1, Box 160; Morgantown; 5-R-32; HS; 1900.

YOUNG, JOSEPH E., Sergeant, D. E. M. L., United States Army, Assistant to Professor of Military Science and Tactics; 1932; 14 McLane Avenue; 1664; A; 1900.

Part VII

STUDENTS ENROLLED, 1931-1932

LIST OF STUDENTS

ENROLLED IN THE UNIVERSITY

Note: The following list includes the names of all students enrolled in the University, arranged in alphabetical order. Following each student's name and address are given his class, and the course of study which he is pursuing, or the degree for which he is a candidate. The word *freshman, sophomore,* etc., following the student's name, indicates his rank on the first day of November, 1931. Students marked as special students are classified in accordance with the regulations found on page 76 of this Catalogue. Students to whose names an asterisk (*) has been prefixed were enrolled in graduate courses conducted at Marshall College during the summer of 1931.

Abbott, Louise Elizabeth	Morgantown	Fr., A. B.
Abbott, Thomas Gilbert	Martinsburg	Soph., A. B.
Abdo, Anna Ruth	Logan	Fr., B. Mus.
Abramson, Chester Carl	Frostburg, Md.	Soph., A. B.
Abruzzino, Frank Marion	Shinnston	Spec., A. & S.
Abruzzino, Mary	Shinnston	Spec., Grad.
Abruzzino, Stanley William	Shinnston	Soph., A. B.
Adair, Auburn	Panther	Summer School
Adams, Gerald Valentine	Reader	Fr., A. B.
Adams, Thomas Jacobs	New Martinsville	Sen., B. S. C. E.
Adelson, Arnold Leonard	Kittanning, Pa.	Soph., A. B.
Adkins, Charles Minas	East Lynn	Jun., B. S. Agr.
Adkins, John McLean	Wheeling	Jun., B. S. C. E.
Adkins, William Huling	Charleston	1st Yr. Law
Agee, Elizabeth LaNelle	Morgantown	Jun., A. B.
Ahern, Virginia Isabelle	Fairmont	Sen., B. S. Phys. Ed.
Akers, Bernice	Bluefield	Grad., Mathematics
Akins, Louise Carolyn	Morgantown	Sen., B. S. Ed.
Albright, Erbie Clara	Morgantown	Spec., Home Economics
Albright, George Francis	Morgantown	Fr., B. S. Ch. E.
Alderton, Harold Leslie	Cumberland, Md.	Jun., A. B.
Alderton, Loretta Porter	Cumberland, Md.	Summer School
Alger, Fred Harold	Charles Town	1st Yr. Pharm.
Allen, Alice Lorene	Parkersburg	Sen., B. S. Ed.
Allen, Charles Edmund	Sloatsburg, N. Y.	Soph., A. B.
Allen, Dana William	Mount Hope	Grad., Education
Allen, George Elliot	Ashland, Ky.	Fr., B. S. Phys. Ed.
Allender, Ora Maude	Morgantown	Sen., A. B.
Allinder, Joe A.	Point Pleasant	Grad., Education
Allison, Burdette	Morgantown	Jun., A. B.
Allison, Lenora Ruth	Matoaka	Grad., Education
Allman, Floy	Coxs Mills	Grad., Zoology
Allman, John Isaac	Jane Lew	Grad., Agriculture
Altizer, John A.	Canebrake	Jun., B. S. E. E.
Ammar, Fayaz Kaliel	Williamson	Jun., A. B.
Amos, Stephen Earl	Folsom	Fr., B. S. M. E.
Anderson, Alton Johnson	Fairview	Grad., Agriculture
Anderson, Charles	Morgantown	Sen., A. B.
Anderson, Charles Lee	Hinton	Soph., B. S. E. E.
Anderson, Charles William	Cameron	Sen., B. S. Agr.
Anderson, Clair Sherrill	Littleton	Soph., A. B.

Anderson, John Ray	Mount Hope	Soph., A. B.
Anderson, Marie Mankin	Beckley	Soph., A. B.
Anderson, Newton Samuel	Buckhannon	Grad., History
Anderson, Wilbur Frantz	Weston	Grad., Chemistry
Andrew, Francis E.	Wheeling	Fr., A. B.
Andrews, Frances	Morgantown	Jun., B. S. H. E.
Andrews, James Nathan	Martinsburg	Jun., B. Mus.
Andrews, Jessie Josephine	Alderson	Sen., B. S. Ed.
Andrews, Leslie Gerald	Hollidays Cove	Fr., A. B.
Andrick, Evah	Elizabeth	Fr., B. S. H. E.
Angel, Harry Robert	Huntington	1st Yr. Law
Antram, Bertha Marie	Hibbs, Pa.	Sen., B. S. H. E.
Anwyll, Vincent Thomas	Fairmont	Grad., Chemistry
Applebaum, Eli	New York, N. Y.	Fr., A. B.
Areford, Henry Sheldon	Morgantown	Grad., Education
Areford, Mildred Lee Smyth	Morgantown	Soph., A. B.
Arena, Paschael Fabian	Clarksburg	Sen., B. S.(Eng'g.Electlves)
Argabrite, Kenneth French	Spencer	Fr., A. B.
Argenbright, Marvin Kinsey	Beckley	Soph., B. S. Ch. E.
Armistead, Charles Spencer	Bluefield	Fr., B. S. E. E.
Armour, Carl E.	Clarksburg	Grad., Chemistry
Armstrong, Stuart P.	Ripley	Grad., English
Arnett, Denver Floyd	Wick	Grad., History
Arnett, Mary Louise	Morgantown	Fr., A. B.
Arnold, Christine	Weston	Grad., Chemistry
Arnold, Helen Lois	Romney	Grad., English
Arnold, Kilbourne Ceylon	Clarksburg	Sen., A. B.
Arnold, Malcolm Raymond	Blooming Rose	Sen., B. S. Phys. Ed.
Arthur, George Esley	Cowen	Grad., Education
Ash, Columbus L.	Clarksburg	Grad., Education
Ash, Ruth Alene Johnson	Shepherdstown	Grad., English
Ashburn, Harry Virgil	Morgantown	Grad., Chemistry
Ashburn, Howard Gilmer	Morgantown	Grad., Chemistry
Ashcroft, Joseph M.	Morgantown	Grad., Plant Pathology
Ashworth, Adrian Lincoln	Morgantown	Sen., A. B.
Ashworth, Glenn	Morgantown	Jun., A. B.
Ashworth, James H.	Morgantown	Grad., Education
Aspinall, Catherine Virginia	Morgantown	Soph., A. B.
Aspinall, Samuel R.	Morgantown	Fr., A. B.
Atha, Charles Lester	Farmington	Grad., Botany
Atwood, Barbara Frances	Morgantown	Sen., B. S. H. E.
Atwood, Hilda	Morgantown	Jun., B. S. H. E.
Auch, Margaret Louise	Parkersburg	Grad., Political Science
Auld, Edward Allan	Morgantown	Sen., B. S. Agr.
Auld, Helen Hudson	Morgantown	Grad., Education
Auld, John Thomas	Morgantown	Grad., Education
Auldridge, Gail Pennell	Basin	Grad., Agriculture
Auth, Catherine	Wheeling	Jun., B. S. Ed.
Auville, Jay Gould	Saint Marys	Grad., Education
Auxier, Gwendolen Gertrude	Kenova	Grad., Zoology
Axtell, Sara Jane	Claysville, Pa.	Fr., B. S. H. E.
Ayers, Irma	Grantsville	Grad., Home Economics
Ayers, Thelma	Smithville	Grad., Education
Ayersman, George Parker	Rowlesburg	1st Yr. Pharm.
Azar, Louis Joseph	New Martinsville	Jun., A. B.
Backus, Jennie Matilda	Summersville	Grad., History
Badger, Mary Hannah	Parkersburg	Summer School
Badgett, Mary Kathryn	Richwood	Summer School

Baer, Virginia Agnes	Morgantown	Spec., Grad.
Bailes, Beatrice	Harrison	Summer School
Bailey, Ernest Gordon	Matoaka	Grad., Education
Bailey, George Gilbert	Wheeling	Fr., B. S. M. E.
Bailey, Gerald Curtis	Morgantown	Soph., A. B.
Bailey, Harvey Peery	Morgantown	Grad., Education
Bailey, James S.	Fairmont	Jun., B. S. Ch. E.
Bailey, Jessie Lee	Morgantown	Jun., A. B.
Bailey, Magretta Violet	Morgantown	Grad., Home Economics
Bailey, Margaret Elizabeth	Weston	Soph., B. S. Phys. Ed.
Bailey, Richard Edwin	Bluefield	1st Yr. Law
Bailey, Robert F.	Craigsville	Jun., A. B.
Bailey, Ruhl Judson	Morgantown	Soph., A. B.
Bailey, Sam Brown	Rosemont	Jun., B. S. Agr.
Bailey, Thomas Crockett	Davy	Summer School
Bailey, Walter Harold	Dawson, Pa.	2nd Yr. Med.
Bailey, Wilda	Beckley	Sen., A. B.
Bainbridge, Virginia Jacqueline	Kingwood	Summer School
Baker, Betty Sue	Morgantown	Music
Baker, Dan Randolph	Elkins	Jun., A. B.
Baker, Dorothy Pauline	Grafton	Sen., A. B.
Baker, Eddie M.	Clarksburg	Jun., A. B.
Baker, Edwin Charlton	South Charleston	Jun., B. S. Phys. Ed.
Baker, Esther A.	Clarksburg	Jun., B. S. H. E.
Baker, Glenn Hicks	Cameron	Soph., B. S. C. E.
Baker, Grace Elliott	Morgantown	Spec., Grad.
Baker, Harriet Barlow	Elkins	Grad., English
Baker, James P.	Morgantown	Grad., Zoology
Baker, Jay Burchinal	Morgantown	Jun., A. B.
Baker, Katherine	Elkins	Grad., English
Baker, Loisbelle	Morgantown	Sen., B. Mus.
Baker, Margaret Christine	Elkins	Jun., B. S. H. E.
Baker, Martha	Scarbro	Sen., B. S. H. E.
Baker, Mary Jane	Morgantown	Music
Baker, Myrle Nellie	Morgantown	Jun., B. S. H. E.
Baker, Olive Ruth	Morgantown	Fr., A. B.
Baker, Pansy Belle	Morgantown	Fr., A. B.
Baker, Rosalie Randolph	Elkins	Sen., A. B.
Baker, Samuel C.	Lake Lynn, Pa.	Fr., B. S. Agr.
Baker, Thomas Taylor	Huntington	2nd Yr. Law
Baker, William Perry	Morgantown	Fr., A. B.
Baldwin, Edna Post	Morgantown	Summer School
Ballantyne, Robert Brown	New Cumberland	Soph., A. B.
Ballard, Mary Katharine	Glen Jean	Soph., A. B.
Ballard, Oscar David	Glen Jean	Soph., A. B.
Ballard, Sally Blanche	Glen Jean	Soph., A. B.
Ballengee, Mary Elizabeth	Beckley	Sen., A. B.
Ballengee, Sara E.	Beckley	Soph., A. B.
Bandi, Robert Thomas	Wheeling	Jun., A. B.
Bank, Gilbert	Williamson	Jun., A. B.
Barbary, Mary E.	Point Marion, Pa.	Music
Barbe, Mary	Morgantown	Soph., A. B.
Barkalow, Frank Douglas	Morgantown	Fr., A. B.
Barker, Elizabeth Victoria	Saint Albans	Grad., Home Economics
Barley, Albert Alfred	Welch	2nd Yr. Law
Barnard, John Wesley	Morgantown	Sen., B. S. Agr.
Barnes, Beatrice Vivian	Morgantown	Sen., A. B.
Barnett, Audice Wendell	Arcola	Fr., B. S. F. E.

Barnett, Frederick Haumann	Glenville	2nd Yr. Law
Barnett, Virginia	Follansbee	Grad., English
Barnhart, John L.	Morgantown	Grad., Dairy Husbandry
Barr, Robert Spencer	Charleston	Fr., A. B.
Barrett, Samuel Jaynes	Ireland	Sen., A. B.
Barrick, Margaret	Morgantown	Spec., Medicine
Barrickman, David Samuel	Morgantown	Spec., A. & S.
Barrickman, Milton Robert	Morgantown	Sen., B. S. Agr.
Barrickman, Ray Ellsworth	Morgantown	Soph., A. B.
Bartell, Joseph A	Fairview	Grad., Physical Ed.
Bartholomew, Elizabeth Ann	Wheeling	Soph., A. B.
Bartlett, Constance Sharpless	Gassaway	Grad., Chemistry
Bartlett, John Frank	Gassaway	Grad., Chemistry
Barton, Charles Leslie, Jr.	Weston	Jun., B. S. E. E.
Barton, Gladys Hazel	Fairmont	Soph., A. B.
Barton, Harry Nathan	Charleston	Fr., A. B.
Bartram, Paul Robert	Fort Gay	Jun., B. S. M. E.
Bartrug, Edwin M.	New Martinsville	Sen., B. S. Ed.
Basic, Josephine Anne	Weirton	Fr., A. B.
Basman, Jack	Charleston	2nd Yr. Med.
Bates, A. E. Griffith	Elm Grove	Soph., B. S. E. E.
Batten, Beryl	Morgantown	Music
Batten, John Edward, Jr.	Lost Creek	Grad., Education
Bauer, Dorothy Caroline	Moundsville	Grad., French
Baum, Henry Evans	Princeton	1st Yr. Med.
Bauman, Betty Anne	Wheeling	Fr., A. B.
Bauman, John Nee	Wheeling	Soph., A. B.
Baumgartner, J. Auburn	Oak Hill	Sen., A. B.
Bautz, Arnold Paul	Hazzard, Pa.	1st Yr. Med.
Bavely, Ernest	Fairmont	Grad , English
Bayles, Frances Elizabeth	Morgantown	Fr., A. B.
Bayles, Mary Catherine	Morgantown	Fr., A. B.
Bayles, Mildred Irene	Morgantown	Sen., B. S. H. E.
Bayles, Robert E.	Morgantown	Fr., A. B.
Bayliss, Betty Virginia	Wilmette, Ill.	Soph., A. B.
Beagle, Elizabeth	Spencer	Jun., B. S. H. E.
Beaird, Beverly Beulah	Morgantown	Fr., A. B.
Beall, James Arthur	Morgantown	Grad., Animal Husbandry
Beall, James Lawrence	Mannington	Soph., A. B.
Beall, Ralph Rodney	Beallsville, Pa.	Soph., B. S. C. E.
Beall, Richard Hugh	Hedgesville	Sen., A. B.
Bean, Irving Raymond	Newark, N. J.	Fr., A. B.
Bean, Oscar Hedrick	Moorefield	Jun., A. B.
Beane, Edythe Irene	Pocatahgo	Jun., A. B.
Beard, Emma Leeta	Hillsboro	Grad., Home Economics
Beard, Orin Jennings	Point Pleasant	Grad., Agriculture
Beatty, James Frederick, Jr.	Mannington	Sen., B. S. M. E.
Beddow, Herbert Mather	Point Pleasant	1st Yr. Med.
Beeghly, Hugh Ford	Brandonville	Fr., B. S. Ch. E.
Beeler, Charles William	Fairmont	Grad., Chemistry
Belcher, Carrie	Iaeger	Summer School
Bell, Edmund Serle	Morgantown	Spec., A. & S.
Bell, Romaine Edna	Elm Grove	Spec., Grad.
Bell, William Edgar	Point Pleasant	Sen., B. S. Agr.
Benedum, Stanley Wilbur	Morgansville	Sen., A. B.
Bennett, Amos Preston	Winfield	Grad., Education
Bennett, Edward Benjamin	Steubenville, O.	Soph., A. B.
Bennett, Elizabeth Lee	Rocky Mount, Va.	Sen., A. B.

Bennett, Gay	Morgantown	Grad., Education
Bennett, Helen Virginia	Morgantown	Sen., A. B.
Bennett, Katherine	Jackson Springs, N. C.	Jun., A. B.
Bennett, Laudis Seawell	Jackson Springs, N. C.	Grad., Plant Pathology
Bennett, Louis R.	Morgantown	Soph., A. B.
Benson, Clarence Julius	Morgantown	Soph., A. B.
Berg, Marjorie	Point Marion, Pa.	Fr., B. Mus.
Berg, Paul Frederick	Wilson, Pa.	Fr., A. B.
Bergdoll, Ella	Moorefield	Jun., B. S. Ed.
Bergdoll, Velma Elizabeth	Petersburg	Jun., B. S. H. E.
Bergdoll, Virginia	Moorefield	Summer School
Bernstein, Harold	New York, N. Y.	Fr., A. B.
Berry, Edward Oldham	Charleston	Soph., B. S. E. E.
Berryman, John Paxton	Charleroi, Pa.	Summer School
Berthy, Kathleen	Cowen	Soph., A. B.
Bertie, Rayma Aletta	Morgantown	Soph., B. S. Phys. Ed.
Beto, Frank Edward	East View	Summer School
Bezuch, Stephen	Morgantown	Fr., B. S. M. E.
Bias, Ernest Gaujot	Williamson	2nd Yr. Lzw
Bibbee, Charles	Clarksburg	Soph., B. S. C. E.
Bibbee, William Jay	Walker	Jun., B. S. Ed.
Bibby, James A.	Charleston	Fr., A. B.
Bickerton, Virginia Fern	Monongahela City, Pa.	Sen., A. B.
Bierer, Julia	Morgantown	Sen., A. B.
Bills, Mary Eunice	Saint Marys	Summer School
Billups, Cecil Winifred	Matoaka	Grad., Education
Bird, David	Beckley	Fr., A. B.
Bird, Eulah Grey	Ireland	Jun., A. B.
Bird, James Cochran	Beckley	Soph., A. B.
Bird, Katherine Anne	Beckley	Grad., English
Bishop, Carter Richard	Morgantown	Grad., English
Bishop, Dorothy Louise	Morgantown	Jun., B. S. Ed.
Bishop, Mildred Katherine	Rowlesburg	Fr., B. S. H. E.
Bishop, Newton Claybourne	Greenville	Spec., Grad.
Bishop, Ronald A.	Wadestown	1st Yr. Med.
Bishop, Ruby D.	Summerlee	Jun., B. S. Ed.
Bitonti, Angelina Rita	Morgantown	Jun., B. S. Physical Ed.
Bitonti, Joe Laverne	Morgantown	Soph., A. B.
Bitonty, Louis Fred	Morgantown	Grad., Physical Ed.
Bittinger, Wilma Erma	Oakland, Md.	Soph., A. B.
Bittner, Harold Schrock	Somerset, Pa.	Grad., Education
Bixler, Vinson H.	Elm Grove	Grad., Education
Black, Donald Fought	Parkersburg	2nd Yr. Law
Black, Frank Albert	Blacksville	Grad., Education
Blackburn, Ben Franklin	Wellsburg	Fr., B. S. Agr.
Blackburn, Charles Wesley	Keyser	Grad., English
Blackwood, Attarah Beall	Point Pleasant	Grad., Education
Blair, Bonita Baker	Morgantown	Grad., Botany
Blair, Rolla Warren	Sandyville	Sen., B. S. E. E.
Bland, John Morris	Morgantown	Music
Black, McDonald	Logan	2nd Yr. Law
Bland, Mona Susan	Morgantown	Summer School
Bland, Russell Charter	Clarksburg	Jun., A. B.
Blaney, Judson A.	Morgantown	Soph., A. B.
Blaney, Kathryn Virginia	Morgantown	Music
Bledsoe, Luther E.	Morgantown	Grad., Education
Bletner, James Karl	Charleston	Fr., B. S. Agr.
Blodgett, Helen Murray	Morgantown	Soph., A. B.

Blodgett, Ruth N.	Morgantown	Spec., Grad.
Blonskey, Lula M.	Cumberland, Md.	Jun., B. S. Ed.
Bloom, Herbert Baker	Morgantown	Fr., B. S. Ch. E.
Blum, Edgar Charles	Elm Gorve	2nd Yr. Med.
Boal, Doris Adele	Barton, Md.	Jun., B. Mus.
Board, John Claudius	Charleston	Fr., A. B.
Bobbitt, James Sterling	Summersville	Grad., Education
Bochicchio, Anthony Joseph	Brooklyn, N. Y.	Fr., A. B.
Bock, Edward Sidney, Jr.	Charleston	Soph., A. B.
Bock, Robert C.	Charleston	Fr., A. B.
Bogdonovich, Mary Catherine	Davis	Jun., A. B.
Boggess, Helen Louise	Morgantown	Grad., Spec.
Boggess, Howard C.	Morgantown	3rd Yr. Law
Boggess, Thomas Earle, II	Morgantown	Soph., A. B.
Boggs, Edward Hunter	Franklin	Jun., A. B.
Boggs, Ira Brooks	Morgantown	Jun., B. S. Agr.
Boggs, Mildred	Franklin	Sen., A. B.
Boggs, Ruth	Franklin	Fr., B. S. H. E.
Boiarsky, Julius L.	Charleston	1st Yr. Med.
Boley, Noah W.	Runa	Jun., B. S. Agr.
Bolton, Neil	Belington	Soph., B. S. Agr.
Bolton, Neva Jackson	Morgantown	Grad., Education
Bolyard, Margaret Carter	Philippi	Grad., French
Bolyard, Thomas Arnold	Philippi	Sen., B. S. Ind. Ed.
Bonar, Hallie	Moundsville	Grad., History
Bonar, Ross	Buckhannon	Grad., Education
Bond, Carroll A.	Shinnston	Grad. Entomology
Bond, Orville Booth	Lost Creek	Grad., Education
Bone, William H.	Wheeling	Fr., B. S. Ind. Ed.
Bonner, Russell	Josephs Mills	Jun., A. B.
Boomsliter, Paul Colgan	Morgantown	Fr., A. B.
Boomsliter, Peggy	Morgantown	Soph., A. B.
Boone, Gladys Goodall	Charleston	Sen., A. B.
Boone, Roy Elliott	Martinsburg	Grad., Education
Boone, Samuel Whanger	Ronceverte	Sen., B. S. E. E.
Boone, Weldon Wesley	Hinton	Grad., Education
Booth, George Thomas	Meadville, Pa.	Spec., Grad
Booth, Margaret Newlyn	West Alexander, Pa.	Jun., B. S. Phys. Ed.
Booth, Winnie Viquesney	Morgantown	Sen., B. S. Ed.
Booton, Orland Howson	Williamson	Sen., A. B.
Borbas, Geza, Jr.	Holden	Fr., A. B.
Boreman, William Ingbram	Parkersburg	Soph., A. B.
Borinsky, Abe	Princeton	Jun., A. B.
Borne, Tressa Mae	Morgantown	Summer School
Borror, John William	Morgantown	Fr., B. S. Ch. E.
Bosley, Frederick Bruce	New Creek	Grad., Education
Boso, Constance Dortha	Parkersburg	Jun., B. S. Ed.
Bosworth, John Woodbridge	Mill Creek	Grad., English
Boughner, Rosalie	Morgantown	Sen., A. B.
Boundy, Ruth Alice	Cameron	Soph., A. B.
Bourn, Chester Wellington	Charleston	Fr., B. S. Agr.
Bourn, Jennie	Charleston	Jun., B. S. H. E.
Bowers, Frank Earl	Uffington	Fr., A. B.
Bowers, Joseph William	Morgantown	Fr., A. B.
Bowers, Mayme Elizabeth	Weirton	Fr., B. S. H. E.
Bowley, Edward C.	Morgantown	Jun., B. S. Ind. Ed.
Bowling, Virginia Ellen	Princeton	Jun., B. S. H. E.
Bowman, Frank Llewellyn, Jr.	Morgantown	Jun., A. B.
Bowman, Walter Andrew	Hoult	Fr., B. S. Agr.

Bowmaster, Naomi Alta	Meyersdale, Pa.	Jun., A. B.
Boyadis, Athanasius	Bethany	1st Yr. Law
Boyd, Donald VanGilder	Morgantown	Fr., A. B.
Boyers, Harold Henry	Morgantown	Soph., A. B.
Boylen, Harold Carl	Jane Lew	2nd Yr. Med.
Boyles, L. Marion	Huntington	Jun., B. S. Ed.
Boyles, Murl Laurence	Philippi	Grad., Education
Boyles, Riley Gordon	Morgantown	Fr., A. B.
Bracken, Coulter Reid	Morgantown	Music
Brackett, Caroline S.	Fairmont	Sen., B. S. Phys. Ed.
Brackett, George Sylvester, Jr.	Fairmont	Fr., B. S. M. E.
Braden, James W.	Bellton	1st Yr. Med.
Bradford, Bert, Jr.	Pennsboro	1st Yr. Med.
Bradford, Mary Virginia	Pennsboro	Sen., B. Mus.
Bradley, Ellis Alton	Madison	Sen., A. B.
Bradley, Garnet Beatrice	Hundred	1st Yr. Med.
Bradley, Harold C.	Montcoal	Fr., A. B.
Bradley, John Leftwich	Peytona	Soph., B. S. M. E.
Bradley, Mary Edna	Clarksburg	Fr., A. B.
Bradley, Opal	Hundred	Jun., B. S. H. E.
Bradshaw, James Ohlen	Fairmont	Grad., Education
Brady, Alfred Spates, Jr.	Elkins	2nd Yr. Med.
Brady, Eunice	Morgantown	Spec., Phys. Ed.
Brady, Margaret Nelson	Morgantown	Spec., Phys. Ed.
Bragg, Pauleen Elizabeth	Hinton	Jun., A. B.
Brake, Judson McDonald	Morgantown	Fr., B. S. Agr.
Brake, Laura Alice	Buckhannon	Spec., Grad.
Bramlett, James Mitchell	Shinnston	Grad., Education
Brand, Benson Glenn	Morgantown	Sen., A. B.
Brand, Dorothy Virginia	Morgantown	Grad., History
Brand, Esther Doris	Morgantown	Fr., B. S. H. E.
Brand, John Marcus	Morgantown	2nd Yr. Med.
Brand, Richard Clyde	Morgantown	Grad., English
Bransford, Virginia Hildegarde	Hinton	Fr., A. B.
Bratton, Robert	Marlinton	Fr., B. S. E. E.
Brawley, Harry Morgan	Charleston	Grad., Political Science
Breger, Leo	Elmhurst, N. Y.	Spec., A. & S.
Breinig, Clarence	Romney	Soph., B. S. Agr.
Breslow, Philip Harvey	Perth Amboy, N. J.	Fr., A. B
Brewster, James Henry, Jr.	Weston	3rd Yr. Law
Brick, John Phillip	Charleston	Jun., A. B.
Brochick, Anna	Morgantown	Grad., English
Brock, Clarence Amos	Fairmont	Grad., Education
Broderick, Katherine D.	Rowlesburg	Sen., B. S. H. E.
Broderick, Teresa Maria	Morgantown	Grad., English
Brody, Sydney	Perth Amboy, N. J.	Fr., A. B.
Broglio, John A.	Morgantown	2nd Yr. Law
Brohard, Encil	Blacksville	Grad., Agriculture
Brohard, Thomas Warren	Grafton	Grad., English
Bronson, Wade, Jr.	Williamson	Soph., A. B.
Brookover, Byron Murl	Jacksonburg	Jun., B. S. Agr.
Brookover, Harry Albert	Morgantown	Soph., B. S. Ch. E.
Brookover, Virgil Glen	Jacksonburg	Sen., B. S. Agr.
Brooks, Margaret Hamilton	Morgantown	Sen., A. B.
Brown, Barbara Klock	Charleston	Fr., A. B.
Brown, Carolyn Elizabeth	Grafton	Soph., A. B.
Brown, Carrie Alberta	Morgantown	Sen., A. B.
Brown, Carson	Morgantown	Sen., B. S. Agr.

Brown, Charles Leonard	Point Pleasant	Fr., A. B.
Brown, Clark Moore	Elkins	Grad., Education
Brown, Clifford Woodrow	Point Marion, Pa.	Fr., B. Mus.
Brown, David Laing, Jr.	Grant Town	Jun., B. S. E. M.
Brown, Dorothy Marie	Grafton	Fr., A. B.
Brown, Durward Belmont	Morgantown	Spec., Grad.
Brown, Flavia H.	Summersville	Fr., A. B.
Brown, Frank M., Jr.	Morgantown	Sen., A. B.
Brown, Frederick Quentin	London	Jun., B. S. E. E.
Brown, George Faris	Pineville	Grad., Agriculture
Brown, Haron Lee	Anawalt	Fr., B. S. E. M.
Brown, Henry Allen	Charleston	2nd Yr. Med.
Brown, James Dudley	Summersville	2nd Yr. Med.
Brown, James Willard	Albright	Sen., A. B.
Brown, Jessie Frances	McGraws	Fr., A. B.
Brown, John Morrison	Summersville	2nd Yr. Med.
Brown, John Scott	New Cumberland	Fr., A. B.
Brown, Leland Dickson	Elkins	Sen., A. B.
Brown, Linden Bonn	Elkins	1st Yr. Law
Brown, Lloyd J.	Grant Town	Soph., A. B.
Brown, Madge	Morgantown	Soph., A. B.
Brown, Marion Monroe	McMechen	Grad., Chemistry
Brown, Mary Virginia	Morgantown	2nd Yr. Law
Brown, Richard Kennard	Bluefield	Grad., Zoology
Brown, Richard Lewis	Morgantown	Jun., A. B.
Brown, William Byrne	Swandale	2nd Yr. Med.
Brownfield, Alicia Daryl	Uniontown, Pa.	Sen., A. B.
Browning, Hugh Conger	Kingwood	Fr., A. B.
Bruffy, James B.	Pullman	Grad., Education
Buchbinder, Nathan A.	Pelham, N. Y.	Soph., A. B.
Buck, Orland Denzil	Sistersville	Sen., A. B.
Buck, Phyllis Lucile	Sistersville	Sen., A. B.
Buckley, Ralph Barnette	Buckeye	Grad., Agriculture
Bundy, Henry Carter	Minden	Jun., A. B.
Burch, Catharine Louise	Parkersburg	Sen., A. B.
Burchard, Mildred Staats	Smyrna, Del.	Summer School
Burchinal, Beryl M.	Morgantown	Sen., A. B.
Burchinal, Ruth Virginia	Morgantown	Soph., A. B.
Burdett, Jack Conner	Point Pleasant	2nd Yr. Law
Burdett, Joseph Floyd	Point Pleasant	Soph., A. B.
Burdette, William P.	Saint Albans	Grad., Education
Burford, Rupert O.	Charleston	Jun., B. S. Ch. E.
Burk, Paul Norman	Saint Marys	2nd Yr. Pharm.
Burke, Clyde Lawrence	Hinton	Soph., A. B.
Burkley, George William	McMechen	Fr., B. S. M. E.
Burnett, William Howard	Fairmont	Soph., A. B.
Burns, Helen Elizabeth	Martinsburg	Jun., B. S. Ed.
Burnside, Edgar Wayne	Bellevue, Pa.	Fr., B. S. Ch. E.
Burnside, Harvey Edgar	Bellevue, Pa.	Fr., B. S. Ch. E.
Burt, Virginia	Mannington	Soph., A. B.
Burton, Bryanna	Elizabeth	Soph., B. S. H. E.
Burton, Harley Alvin	Elizabeth	Sen., B. S. Agr.
Bush, Charles Richard	Grafton	Soph., A. B.
Bush, Elton W.	Coxs Mills	Grad., Physics
Bush, Margaret Elizabeth	Morgantown	Fr., B. S. H. E.
Bushong, Frank Lee, Jr.	Charles Town	3rd Yr. Law
Butcher, Mattie Nell	Clay	Spec., Grad.
Butler, Andrew Kimmins	Elm Grove	Fr., A. B.

Butler, Arthur Bates	Wheeling	3rd Yr. Law
Butler, Russell Clarke	Sutton	Grad., Agriculture
Butts, Frank Henry	Charleston	Fr., A. B.
Byard, Edward James	Wheeling	1st Yr. Pharm.
Byrd, Elizabeth Walton	Mannington	Jun., A. B.
Byrd, Wallace Charlton	Mannington	Fr., A. B.
Byrnside, John H.	Madison	3rd Yr. Law
Byrnside, Lois Elaine	Madison	Sen., B. S. H. E.
Caddock, Robert	Newark, N. J.	Jun., B. S. E. E.
Cahill, Dalvin R.	Fairmont	2nd Yr. Med.
Caldwell, Charles William	Dunbar	1st Yr. Law
Caldwell, Nellie Bruce	Logan	Grad., English
Cady. Stanton Holme	Morgantown	Grad., Education
Cale, Edgar Barclay	Uniontown, Pa.	Summer School
Callaghan, Glenn S.	Fairview	Grad., Education
Callahan, Kathleen	Morgantown	Music
Callahan, William Oscar	Wheeling	2nd Yr. Law
Callaway, Charles Ernest	Glen Jean	Grad., Journalism
Callaway, Russell D.	Huntington	Sen., A. B.
Callis, Mary Carolyn	Cumberland, Md.	Soph., B. S. Phys. Ed.
Calverley, Emma J.	Uniontown, Pa.	Summer School
Calvert, Everly G.	Morgantown	Sen., B. S. Ind. Ed.
Cambria, Anthony Joseph	Wheeling	Soph., A. B.
Cameron, Richard Ray	Wheeling	Sen., A. B.
Camp, Charles	Morgantown	Jun., A. B.
Camp, Edwin Hugh	Morgantown	Soph., A. B.
Campbell, Dorothy Loretta	Wheeling	Grad., Home Economics
Campbell, Fay Thompson	Meadville	Grad., History
Campbell, James Anthony, Jr.	Beckley	Soph., A. B.
Campbell, John Edgar	Philippi	1st Yr. Med.
Campbell, Martha Vivian	Grafton	Fr., A. B.
Campbell, Robert John	Slab Fork	1st Yr. Pharm.
Campbell, Thomas Anthes	Scottdale, Pa.	Jun., A. B.
Campbell, Wade Dornan	New Cumberland	Fr., B. S. C. E.
Canan, Marian Estelle	Lost Creek	Grad., English
Canfield, Dewey Melvin	Fairmont	Fr., B. Mus.
Canich, Thomas William	Beaver Falls, Pa.	Soph., B. S. Phys. Ed.
Cannarella, Thomas Haskins	Wheeling	Fr., B. S. Ch. E.
Capito, Michael L.	Warren, Ohio	1st Yr. Med.
Caplin, Irvin Leon	Clarksburg	Fr., A. B.
Caplinger, John S.	Elkins	Grad., Education
Cappellanti, Lawrence Albert	Morgantown	Music
Carden, John Dana	Weston	Sen., B. S. Phys. Ed.
Carlin, William L.	Morgantown	Fr., A. B.
Carlino, James Thomas	Punxsutawney, Pa.	1st Yr. Med.
Carney, Irene Barnes	Wheeling	Grad., English
Carney, Mary Louise	Wheeling	Jun., A. B.
Carpenter, Clarence Herbert	Salem	Grad., Agriculture
Carpenter, Elmer Karl	Salem	Jun., B. S. Agr.
Carpenter, Hiram Ambler	Saint Marys	Soph., A. B.
Carpenter, Simon William	Buckhannon	Grad., Education
Carper, Mary Porter	Charleston	Jun., A. B.
Carper, Virginia	Charleston	Fr., B. S. H. E.
Carr, Walter H.	War	1st Yr. Med.
Carrico, John Horckler	Morgantown	Fr., A. B.
Carringer, Julius Milo	Wheeling	Sen., A. B.
Carroll, Fred Clark	Kingwood	Fr., B. S. Phys., Ed.
Carroll, George William	New Cumberland	Sen., A. B.

Carson, Betty Leete	Charleston	Soph., A. B.
Carspecken, Harold Hutson	Morgantown	Music
Carspecken, Henry Louis	Morgantown	Jun., B. S. M. E.
Carte, Lillian Taylor	Clendenin	Soph., A. B.
Carter, Elmer Norval	Huntington	Soph., A. B.
Carter, Harry Edward	Falls Mills, Va.	Spec., Grad.
Carter, Howard Thomas	Elm Grove	Jun., A. B.
Cary, John Robert	Peach Creek	Soph., B. S. E. E.
Casey, Addis Emmett	Frostburg, Md.	Jun., B. S. E. M.
Casey, John William	Triadelphia	Soph., A. B.
Caskey, Margaret Rebecca	Martinsburg	Grad., Education
Caskey, Wilson Rufus	Martinsburg	Fr., A. B.
Casseday, Ercil Freeland	Terra Alta	Grad., Education
Cassis, Zarife Mary	Sistersville	Grad., English
Castleberry, Edith Frances	Huntington	Grad., Education
Casto, Florence Elizabeth	Jackson Heights, N. Y.	Jun., A. B.
Casto, Ford Lewis	Buckhannon	2nd Yr. Law
Casto, Mabel Anna	Morgantown	Soph., B. S. Phys. Ed.
Casto, Ruth Virginia	Morgantown	Fr., B. S. Phys. Ed.
Castrodale, Dante	Anawalt	Sen., A. B.
Cather, Mary Jane	Fairmont	Jun., B. S. Phys. Ed.
Caton, Pauline Elisabeth	Barboursville	Grad., Education
Cattrell, Helen Doris	Hollidays Cove	Sen., B. S. Ed.
Chadwick, Betty Berry	Morgantown	Soph., A. B.
Chafin, Rathburn	Logan	Jun., A. B.
Chafin, William Jennings	Matewan	Sen., A. B.
Chamberlain, Mario	Morgantown	Sen., B. S. C. E.
Chambers, Edith Eleanor	Moundsville	Sen., B. S. H. E.
Chambers, James Roncy	West Alexander, Pa.	Jun., B. S. C. E.
Chambers, Livingston H.	Madison	Grad., Mathematics
Chambers, Vannetta	Martinsburg	Grad., History
Chaney, John Francis	Wheeling	Fr., A. B.
Channell, Carl Wamsley	Elkins	Soph., A. B.
Chaplin, Allen Lester	Morgantown	Fr., B. S. Ch. E.
Chaplin, Eugene Gillen	Morgantown	Fr., A. B.
Chaplin, Virginia May	Weston	Fr., A. B.
Chapman, Myrtle Lucile	Sutton	Soph., A. B.
Charles, Robert	Morgantown	Fr., B. S. Ch. E.
Chenoweth, Fred Myer	Weston	Grad., Education
Chenoweth, Harry M.	Simpson	Sen., A. B.
Chesrown, Donald L.	Morgantown	Spec., Grad.
Chesrown, Harold	Morgantown	Sen., B. S. Ed.
Chiavetta, John	Pittsburgh, Pa.	2nd Yr. Med.
Childs, William Henry	Chicago, Ill.	Spec., Grad.
Chinn, Abraham Samuel	Connellsville, Pa.	4th Yr. Pharm.
Chipps, Grace Virginia	Morgantown	Soph., A. B.
Chipps, Mary Evelyn	Morgantown	Fr., B. S. Phys. Ed.
Chittum, George David, Jr.	Morgantown	Fr., B. S. M. E.
Chittum, Richard Dale	Morgantown	Fr., B. S. M. E.
Chitwood, Elizabeth Anne	Morgantown	Soph., A. B.
Chitwood, Henry Cady	Morgantown	Sen., A. B.
Chotiner, Morris	Fairmont	Fr., A. B.
Cinci, Louis	Masontown, Pa.	Fr., A. B.
Clark, Buell Howard	Hemlock	Sen., B. S. Agr.
Clark, Clarence Harry	Point Marion, Pa.	Fr., B. S. Ch. E.
Clark, George Henry	Buckhannon	Fr., A. B.
Clark, Price Everett	Hemlock	Grad., Education
Clark, Robert Alan	Richwood	Soph., B. S. Ch. E.

Clark, Samuel Friend	Morgantown	Soph., A. B.
Clark, Thomas Baird	Morgantown	Grad., Genetics
Clark, M. Ursula	Wheeling	Grad., Education
Clarke, Presley Wilmott	Moorefield	Grad., English
Clawson, Nevada Arietta	Parkersburg	Sen., B. S. Ed.
Clayton, Fred R.	Fairview	Jun., B. S. Agr.
Clayton, George Brooks	Fairview	Soph., B. S. Agr.
Cleavenger, Juanita	Salem	Grad., French
Clemans, Melvin Sperry	Clarksburg	Soph., A. B.
Clifford, John Henry	Clarksburg	1st Yr. Law
Cline, Marian Jane	Grafton	Fr., B. S. H. E.
Cline, Minerva Frances	Morgantown	Soph., B. S. Phys. Ed.
Cline, Russell Walter	Masontown	Grad., Agriculture
Clippel, L. C.	Duquesne, Pa.	Fr., B. S. Ind. Ed.
Clovis, Madeline Elizabeth	Wheeling	Soph., A. B.
Clulo, Genevieve Bernice	Morgantown	Grad., Botany
Cobb, Donald Prentice	Fairview, Pa.	Soph., A. B.
Coberly, J. G. B.	Parkersburg	Jun., B. S. Ed.
Cobourne, John Clifford	Martinsburg	Grad., Education
Cobun, Adah P.	Morgantown	Summer School
Cobun, Dennis Burton	Newburg	Jun., A. B.
Cochran, Regina June	Morgantown	Jun., A. B.
Coesfeld, Stella M.	Chicago, Ill.	Grad., Botany
Coffindaffer, Joe Brooke	Miletus	Summer School
Coffindaffer, Wade H.	Clarksburg	Grad., Education
Coffman, Daniel Roy	Lewisburg	Grad., Education
Coffman, Frank Haymaker	Clarksburg	Jun., A. B.
Cohen, Julius	Morgantown	Grad., Political Science
Cohen, Leon	Trenton, N. J.	Fr., A. B.
Cohen, Marvyn	Charleston	Fr., A. B.
Cohen, Sylvia	Morgantown	Spec., A. & S.
Cokeley, Clara McMillen	Morgantown	Spec., A. & S.
Colabrese, Felix Anthony	Douglas	Sen., A. B.
Colborn, Ralph Humphrey	Alma	Jun., B. S. E. E.
Cole, Donald Elliott	Philippi	Soph., A. B.
Cole, Elsie B.	Morgantown	Jun., A. B.
Cole, Evelyn Frances	Bridgeport	Spec., Grad.
Cole, Melissa Elizabeth	Elkins	Jun., A. B.
Cole, Walter Wilson	Morgantown	Soph., B. S. Ch. E.
Colebank, Jasper Haymond	Fairmont	Grad., Education
Colebank, Mary Louida	Morgantown	Sen., B. S. Ed.
Coleman, Eleanor Louise	Charleston	Jun., A. B.
Coleman, James Howard, Jr.	Farmington	2nd Yr. Law
Coleman, John Miller	Wheeling	Fr., A. B.
Coleman, Lucy Virginia	Farmington	Sen., A. B.
Coles, John Albert	South Charleston	Fr., B. S. Agr.
Collett, Irene Marie	Morgantown	Grad., French
Collins, Alvin Glover	Bruceton Mills	Fr., B. S. Phys. Ed.
Collins, Donald Glenn	Bruceton Mills	Fr., A. B.
Collins, Edmund Ellison	Mona	Sen., A. B.
Collins, Floyd Guy	Morgantown	Fr., B. S. Phys. Ed.
Collins, John Maynard	Greenville	Grad., Agriculture
Combs, Reuben Douglas	Millwood	Fr., B. S. C. E.
Compton, Archie Paul	Franklin	Grad., History
Compton, Ulla Zoe	Keyser	Sen., B. S. Ed.
Comuntzis, Peter George	Morgantown	Soph., A. B.
Conant, Roger Bradbury	Morgantown	Jun., A. B.
Conaway, Charles Cameron	Morgantown	Jun., A. B.

Condry, John Charles	Clarksburg	Fr., A. B.
Conklyn, James H.	Hedgesville	Grad., Agriculture
Conley, Gary	Orma	Fr., B. S. C. E.
Conn, Brenda Marcella	Zanesville, Ohio	Grad., History
Conn, Howard Franklin	Smithfield, Pa.	Jun., B. S. Agr.
Conn, John Byron	Hoard	Sen., A. B.
Conn, LeeRoy Minor	Blacksville	Fr., A. B.
Conn, Lloyd Herbert, Jr.	Blacksville	Soph., A. B.
Conn, Mary Virginia	Morgantown	Sen., B. S. Ed.
Conn, Robert Carland	Morgantown	Grad., Chemistry
Conn, Vera Elizabeth	Zanesville, Ohio	Grad., Classics
Connell. Gertrude A.	Clarksburg	Spec., Grad.
Connell, Patrick Mullen	Morgantown	Soph , A. B.
Connell, Robert Emmett	Clarksburg	Fr., A. B.
Connell, William Cline	New Cumberland	Fr., A. B.
Connelly, Dorothy Lurain	Wheeling	Sen., A. B.
Conner, Bernard Granvel	Charleston	Soph., B. S. E. E.
Conner, Ottis Atlee	Charleston	Jun., B. S. Agr.
Conner, Ralph Noel	Charleston	Fr., B. S. E. M.
Connor, Charles William, Jr.	Nellis	Soph., B. S. E. M.
Connor, Katherine	Fairmont	Jun., B. S. H. E.
Conway, Charles Hughston	Morgantown	Grad., Education
Conway, Delbert Henry	Morgantown	Sen., B. S. Ed.
Coogle, Ellen Ruth	Rivesville	Fr., B. S. H. E.
Cook, Clair Leslie	Itmann	Sen., A. B.
Cook, C. Norman	Ramage	Summer School
Cook, Glenn Franklin	Ligonier, Pa.	Jun., A. B.
Cook, Kermit A.	Oceana	Grad., Education
Cook, Ora Noel	Toneyfork	Jun., A. B.
Cooke, Harry Wilbert	Pineville	Grad., Education
Cooke, Mary Christene	Charleston	Soph., A. B.
Coombs, Fred Morton	Morgantown	Jun., B. S. Phys. Ed.
Cooper, Barnet D.	Brooklyn, N. Y.	Soph., A. B.
Cooper, Ernestine	McComas	Fr., B. Mus.
Cooper, Kent Barnett	Parkersburg	Jun., B. S. Ch. E.
Cope, David Franklin	Crumpler	Jun., A. B.
Cope, Edwin Marquis	Morgantown	Fr., A. B.
Copeman, James Lawrence	Kingwood	Jun., B. S. Agr.
Copenhaver, John W.	Tazewell, Va.	Grad., Chemistry
Coram, James M.	Saint Marys	1st Yr. Med.
Corbin, Blanche Darst	Morgantown	Soph., A. B.
Corbin, Frank Pickering, Jr.	Morgantown	Sen., A. B.
*Corbly, Sydney Thomas	Huntington	Grad., English
Corder, Edward Wood	Philippi	Sen., B. S. Ch. E.
Cordray, Edward Burdette	Morgantown	Sen., B. S. Phys. Ed.
Cordray, Harry N.	Core	Fr., A. B.
Cordray, Martha Ruth	Morgantown	Summer School
Core, Eric Vane	Union	Spec., Grad.
Corley, Robert Ray	Bethany	Summer School
Cornell, Edna	Grantsville	Sen., B. S. H. E.
Cornwell, Lorain S.	Kasson	Grad., Education
Corwin, William Moore	Morgantown	Sen., A. B.
Cosner, Alice Mae	Blaine	Fr., B. S. H. E.
Cost, Beulah Clement	Morgantown	Soph., A. B.
Costanzo, Vincent Allessandro	Wheeling	Jun., A. B.
Costelow, Dora	Tunnelton	Grad., English
Costolo, Conn	Gans, Pa.	Grad., History
Cottle, John Brooks	Morgantown	Sen., A. B.

Cottle, William L. Jr.	Mount Hope	Sen., B. S. C. E.
Cottrell, Mary Elizabeth	Charleston	Soph., A. B.
Cottrill, Clarence C.	Point Pleasant	Soph., A. B.
Cottrill, Joseph Charles	Farmington	Grad., Education
Coudoux, Oscar Jules	Point Marion, Pa	Sen., A. B.
Coughlin, Helen Mary	Morgantown	Grad., French
Coulter, Marion L.	Logan	Soph., B. S. E. E.
Counselman, Ruth	Wellsburg	Grad., History
Counts, William Harold	Chillicothe, Ohio	Soph., A. B.
Courtney, Sue Clifford	Ronceverte	Summer School
Covert, Helen Grace	Cameron	Summer School
Covert, Margaret Von	Cameron	Soph., B. S. Phys. Ed.
Covey, Thomas	Surveyor	Soph., B. S. Phys. Ed.
Cowell, Cecyle M.	Wadestown	Summer School
Cox, Dessie B.	Cameron	Spec., Grad.
Cox, Evelyn Margaret	Morgantown	Fr., A. B.
Cox, Marie Frances	Morgantown	Jun., A. B.
Cox, Paul Kester	Pullman	Soph., A. B.
Cox, Ruby Elizabeth	Industrial	Grad., English
Cox. Wilbur Edwin	Charleston	Fr., A. B.
Cozart, Phyllis Loretta	Smithfield	Summer School
Cracraft, Russell Hubbard	Wheeling	Soph., A. B.
Craft, James Harvey	Springton	Summer School
Crago, F. Hughes	Wheeling	1st Yr. Med.
*Craig, Elma Mildred	Huntington	Grad., Education
Craig, Joseph Elson	Morgantown	Grad., Agriculture
Craig, Laura Vivian	Morgantown	Grad., Home Economics
Craig, Louis Grant	Weston	Sen., A. B.
Craig, Robert Eugene	Richwood	Soph., B. S. C. E.
Craig, William Harlan	Uniontown, Pa.	Fr., A. B.
Cramer, Kathryn Virginia	Morgantown	Jun., B. S. Ed.
Cramer, Robb H.	New Cumberland	Jun., A. B.
Crawford, Alice	Morgantown	Music
Crawford, Gene	Morgantown	Soph., A. B.
Cree, Sara Helen	Carmichaels, Pa.	Spec., Grad.
Creel, Robert Beckley	Morgantown	Fr., B. S. M. E.
Cresswell, Elsie Gehris	Morgantown	Music
Crichton, Andrew Beachly, Jr.	Johnston, Pa.	Jun., B. S. E. M.
Crickenberger, DuBois	Nitro	Sen., B. S. Ind. Ed.
Criner, James Thomas	Point Marion, Pa.	Fr., B. S. Phys. Ed.
Crist, Julian Gardner	Clarksburg	Soph., A. B.
Cromer, Viris W.	Haywood	Grad., Mathematics
Crooks, Sarah Ruth	Clarion, Pa.	Sen., B. S. Ed.
Cross, Margaret	Star City	Jun., B. S. H. E.
Crothers, Mary Virginia	Fairmont	Summer School
Crotty, Virginia Jarrette	Walton	Summer Scool
Crow, Harold Burdette	Moundsville	Jun., B. S. Agr.
Crow, James Homer	Dallas	Sen., A. B.
Crow, Margarette Frances	Point Marion, Pa.	Jun., A. B.
Crow, Roberta Helen	Point Marion, Pa.	Fr., A. B.
Crowder, Edward Harry	Huntington	1st Yr. Law
Crowther, James Irving	Baltimore, Md.	Fr., B. S. C. E.
Crulkshank, Winifred	Bellington	Grad., English
Crynock, Susan E.	Pursglove	Fr., A. B.
Crystal, Bessie K.	Fairmont	Grad., History
Cubbon, Edward Herman	Shinnston	Sen., B. S. Phys. Ed.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Cubbon, George Curtis	Shinnston	Fr., B. S. Phys. Ed.
Cubbon, Harry Llewellyn	Shinnston	Soph., B. S. Phys. Ed.
Cummings, Guy L.	Mill Hill Pa.	Summer School
Cummings, Ruth Gertrude	Saint Albans	Sen., B. S. Ed.
Cunningham, Charles Ever, Jr.	Morgantown	Fr., A. B.
Cunningham, George Raymond	Morgantown	2nd Yr. Med.
Cunningham, Hazel Vern	Wheeling	Jun., B. S. H. E.
Cunningham, James Kenneth	Beckley	1st Yr. Law
Cunningham, Mabel Viola	Saint Marys	Sen., A. B.
Cunningham, Marion Keith	Elkins	3rd Yr. Law
Cunningham, Nelle M.	Charleston	Fr., A. B.
Cunningham, Oma	Smithville	Summer School
Cunningham, Pauline	Ireland	Summer School
Cunningham, Ralph	Cowen	Grad., English
Cunningham, R. Stanley	Wheeling	2nd Yr. Med.
Cuppett, David Earle, Jr.	Thomas	1st Yr. Law
Cuppett, Wilma Ellen	Morgantown	Fr., A. B.
Currence, Irene Gertrude	Elkins	Grad., English
Currence, Richard Forrest	Clarksburg	1st Yr. Law
Currence, Robert Lee	Bulltown	Fr., B. S. Ch. E.
Currence, William D.	Bulltown	Fr., B. S. Agr.
Current, Wilbur Russell	Huntington	Grad., Education
Currie, Francis	Wheeling	Fr., B. S. Ch. E.
Currie, Thomas	Wheeling	Fr., A. B.
Curry, Ora Douglass	Buckhannon	Summer School
*Curry, Rembert Leeroy	Huntington	Grad., Education
Custer, Ruhl L.	Ripley	Grad., Education
Cutright, Frank	Athens	Grad., Botany
Cutright, Gladys Pennington	Pittsburgh, Pa.	Grad., French
Dacono, Gerardo	Labrador, P. I.	Soph., B. S. Agr.
Dadisman, Stanley Everett	Belington	1st Yr. Law.
D'Agostino, George L.	Morgantown	1st Yr. Med.
Dahmer, Floyd Johnson	Kline	Grad., History
Dailey, Earl Leora	Morgantown	Grad., Education
Dailey, Evelyn Booker	Uniontown, Pa.	Jun., B. S. Ed.
D'Aiuto, Lora Madeline	Martinsburg	Fr., A. B.
Daly, Dorothy Jo	Hinton	Grad., Zoology
*Dandelet, Thomas Edward	Huntington	Grad., Education
Danenberg, Esther	Wheeling	Fr., A. B.
Daniels, Hazel	Parsons	Grad., Physical Ed.
Danielson, Gonell D.	Jamestown, N. Y.	Jun., A. B.
Darling, Anna Belle	Morgantown	Grad., History
Darnall, Herbert Llewellyn	Mount Hope	Jun., A. B.
Darrah, James Edward	Fairmont	Soph., B. S. E. E.
Dasher, Joseph G.	Peru	Fr., B. S. C. E.
Dastoli, Theodore	Lowellville, Ohio	Soph., B. S. C. E.
Daubenspeck, Mary R.	South Charleston	Sen., B. S. H. E.
Daugherty, Brooks	Pad	Soph., B. S. Agr.
Davenport, Elizabeth	Ranson	Soph., A. B.
Davidson, Mary Frances	Morgantown	Grad., Education
Davies, Phillip J.	Elkins	Sen., B. Mus.
Davies, Williamina Virginia	Elkins	Grad., English
Davis, Ada Doris	Flatwoods	Soph., B. S. H. E.
Davis, Dorothy Imogene	Salem	Grad., Physical Ed.
Davis, Edna Leona	Morgantown	Soph., A. B.
Davis, Eloise	DeKalb	Fr., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931

Davis, Florence	New York, N. Y.	Fr., A. B.
Davis, Francis S.	Rainelle	2nd Yr. Law
Davis, George William	Kingwood	Fr., B. S. E. M.
Davis, Georgianna Juliet	Morgantown	Music
Davis, Gladys	Maidsville	Fr., A. B.
Davis, Harriet Virginia	Charleston	Sen., A. B.
Davis, John Morrow	New Cumberland	Sen., A. B.
Davis, Mary Alice	Morgantown	Sen., A. B.
Davis, Mary Margaret	Morgantown	Fr., A. B.
Davis, Paul F.	Clarksburg	Grad., Education
Davis, Paul L.	Springton	Grad., Education
Davis, Paul Lewis	Matoaka	1st Yr. Pharm.
Davis, R. Lucile	Terra Alta	Soph., A. B.
Davis, Ruth DuPuy	Beckley	Sen., A. B.
Davis, Samuel Benton	Shinnston	Soph., B. S. E. M.
Davis, Samuel Morris	Lost Creek	Soph., B. S. Agr.
Davis, Tyreeca Stemple	Morgantown	Spec., Grad.,
Davis, Wilton Howell	Morgantown	3rd Yr. Law
Davisson, Claude Richmond	Mount Clare	Jun., A. B.
Davisson, John Granville	Weston	Soph., A. B.
Dawson, Archie Anthony	Morgantown	Soph., B. S. E. E.
Dawson, Helen Lou	Parkersburg	Grad., Botany
Dawson, Paul Batten	Fairmont	Grad., Education
Day, Franklin Kaercher, Jr.	Webster Springs	2nd Yr. Law
Day, Margaret	Elm Grove	Jun., B. S. H. E.
Deahl, Justus Arthur	Newburg	Grad., Education
Dean, Alice Ellsworth	Grafton	Sen., A. B.
Dean, Darleigh Edgell	Richwood	Grad., Education
Dean, Hoyt Gale	Richwood	Soph., B. S. Phys. Ed.
Dean, William Howard	Martinsburg	Sen., A. B.
Deane, Harold Wilson	Morgantown	Fr., A. B.
DeAngelis, Anthony M.	Morgantown	2nd Yr. Med.
DeAngelis, Carmelo E.	Morgantown	2nd Yr. Med.
DeAngelis, Eugene	Morgantown	Fr., A. B.
Dearien, Katherine Elizabeth	Saint Albans	Jun., A. B.
Dearien, Mary Garnet	Saint Albans	Sen., B. S. H. E.
DeBlasio, Gene Ronald	Dunbar, Pa.	Fr., A B.
Deely, Thomas Henry	East Rockaway, N. Y.	2nd Yr Med.
Deems, George Clair	Newell	Jun., B S. Agr.
Deitz, Edna Marie	Ronceverte	Soph., A. b.
Dietz, Jean E.	Ronceverte	Soph., A. B
DeLancey, Lessie	Pennsboro	Jun., B. S. Phys. Ed.
DeLancy, Charles John	Jefferson, Pa.	Sen., B. S. E. E.
DeMarco, Rosario Frank	Fairmont	1st Yr. Law
DeMoss, Kenneth Henry	Grafton	Sen., B. S. E. E.
Dennison, Icy Katherine	Walkersville	Grad., Education
Dennison, Jack	Walkersville	Soph., B. S. M. E.
Dennison, Raymond Lewis	Wallace	Grad., Agriculture
Dent, Charles Frederick	Kingwood	4th Yr. Pharm.
Dent, Ruth Vivian	Elm Grove	1st Yr. Pharm.
Derenge, Lawrence Francis	Fairmont	Fr., B. S. C. E.
Derenzo, Anthony	Fairmont	Soph., B. S. M. E.
DeTurk, Harry Martin	Fairmont	Sen., B. S. Ind. Ed.
Deusenberry, Eugene G.	Morgantown	Fr., A. B.
Dever, George B.	Victor	Jun., B. S. Agr.
DeVol, Lucy Byington	Fairmont	Summer School
DeWitt, Martha Louise	Morgantown	Fr., B. S. Phys. Ed.
Diamond, Oscar Kantor	New York, N. Y.	Jun., A. B.

Dickerson, Leon A.	Scarbro	1st Yr. Med.
Dickinson, S. Key	Clarksburg	Grad., Education
Dill, Mary Eleanor	Reedsville	Sen., A. B.
Dilley, Kermit	Huntersville	Fr., A. B.
Dillon, David Reynolds	Martinsburg	Soph., A. B.
Dillon, Irene Anna	Bridgeport	Sen., B. S. H. E.
Dillon, Kinsey Charles	Mount Pleasant, Pa.	Jun., A. B.
Dixon, George Hogg	Buckhannon	Grad., Education
Doak, Rebecca Frances	Morgantown	Grad., Education
Doak, Virginia Katherine	Morgantown	Spec., Grad.
Dobbins, Porter F.	Chapmanville	Summer School
Dobbins, Samuel Herman	Wheeling	Fr., A. B.
Dobbs, Frederick H.	Wheeling	2nd Yr. Med.
Dobbs, Lee Fillmore	Wheeling	Soph., A. B.
Dobbs, Pauline Laughlin	Morgantown	Jun., B. S. Phys. Ed.
Dodd, Charles Ralph	Holden	Fr., B. S. Ch. E.
Dodd, Maurice Ropp	Morgantown	Grad., Education
Doepken, Herbert Charles	Wheeling	Fr., B. S. E. E.
Dole, William Edward	Kalamazoo, Mich.	Sen., B. S. Phys. Ed.
Dolinsky, Edward Milton	Charleston	Fr., A. B.
Doll, William Edgar	Grafton	Jun., A. B.
Dollison, Charles B.	Fairmont	Fr., A. B.
Dolly, Virgil O.	Burnsville	Grad., Agriculture
Doman, Nellie Hazel	Cameron	Summer School
Donahue, Sarah June	Bartley	Fr., A. B.
Doner, Harry William	Mill Creek	Sen., B. S. Ed.
Donlan, James Michael	Parkersburg	Sen., A. B.
Donley, Beatrice Eleanor	Morgantown	Sen., B. Mus.
Donley, David Edward	Norfolk, Va.	Grad., Civil Eng'g.
Donley, Richard Harmon	Mount Morris, Pa.	Fr., A. B.
Donley, Robert Glenn	Maidsville	Sen., B. S. Agr.
Doolittle, Mary Louise	Fairmont	Soph., B. S. H. E.
Dorr, Irene	Morgantown	Soph., A. B.
Dorr, John T.	Morgantown	1st Yr. Law
Dorr, Louise	Morgantown	Spec., Grad.
Dorsett, Charles Hickman	Punxsutawney, Pa.	Summer School
Dorsey, Ervin	Morgantown	Grad., Agriculture
Dorsey, Lloyd Elmer	Moundsville	Soph., B. S. Agr.
Dorsey, Mary Merle	Thomas	Soph., A. B.
Dotson, Leo	Richwood	Sen., A. B.
Dotson, Zela Mae	Richwood	Summer School
Dougherty, Vincent Sullivan	Hoboken, N. J.	Soph., A. B.
Doughty, Joseph Bayne	Ronceverte	Jun., A. B.
Douglas, Harry Brown	Elkins	Grad., Education
Douglas, Raymond John	Moorefield	Grad., Education
Douglas, Ruth	Elkins	Jun., B. S. Ed.
Douglass, John B.	Hinton	Jun., B. S. C. E.
Douthat, James Robert	Morgantown	Soph., B. Mus.
Douthat, Mary Elizabeth	Morgantown	Fr., A. B.
Douthat, Robert	Bluefield	Fr., B. S. Phys. Ed.
Dove, Averil G.	Iaeger	Grad., English
Dower, Louise	Point Pleasant	Soph., A. B.
Dowler, Edwin A.	Moundsville	Fr., B. S. E. E.
Downing, Reginald Horton	Montreal, Canada	Grad., Mathematics
Downs, Roxy	Farmington	Sen., B. S. H. E.
Downs, William Richard	Morgantown	Soph., A. B.
Doyle, John Edward	Greenwood	Jun., A. B.
Dragoo, Alma Irene	Smithfield	Jun., A. B.

Dransfield, Arbie Glenn	Oceana	Grad., Agriculture
Drepperd, Clarence Hartsel	Clarksburg	Sen., B. S. Ed.
Drinkard, Jean	Wheeling	Jun., A. B.
Drinkard, Paul Banford	Wheeling	Fr., A. B.
Drinkard, Robert U.	Wheeling	Sen., A. B.
Drobeck, Morris J.	Wheeling	Jun., B. S. Phys. Ed.
*Drown, Roxie Lorene Plymale	Huntington	Grad., Education
DuBois, Martha Violet	Morgantown	Jun., B. S. Ed.
Duda, William Walter	Scarbro	Soph., A. B.
Duff, Harry Campbell	Addison, Pa.	Grad., Education
Duffield, Carper Paul	Morgantown	Soph., A. B.
Duffield, Charles Allen	Morgantown	3rd Yr. Law
Duffield, Vaughn H.	Burnsville	Grad., Ed.
Dulaney, Nell	Uniontown, Pa.	Jun., B. S. H. E.
Dunbar, David Myron	Norwalk, Conn.	Sen., A. B.
Duncan, Ira G.	Buckhannon	Sen., B. S. Ed.
Duncan, Ira J.	Morgantown	Grad., Agr. Chemistry
Dunham, Anna Louise	Ridgewood, N. J.	Summer School
Dunn, Clarence M.	Morgantown	Soph., B. S. Agr.
Dunn, W. Nelson	Martinsburg	Grad., Chemistry
Durst, Margaret Rebecca	Keyser	Grad., Education
Duthie, Grace Irene	Clarksburg	Grad., English
Duty, Della Vieva	Wheeling	Grad., Education
Duty, Mina Woodbury	Carolina	Sen., A. B.
Dyer, James Neven	Fort Seybert	Sen., B. S. Agr.
Eakle, John Camden	Sutton	2nd Yr. Med.
Eaton, Alma Grace	Morgantown	Grad., Education
Eberhart, Guy Fast	New Geneva, Pa.	Jun., B. S. Ed.
Echols, Emma	Alderson	Sen., B. S. H. E.
Eckert, Julia Pauline	Morgantown	Fr., A. B.
Eddy, Don Jerome	Morgantown	Jun., A. B.
Edgell, Jacob Henry	Charles Town	Soph., B. S. M. E.
Edmondson, Richard Edward	Morgantown	Jun., A. B.
Edwards, Donald Graham	Morgantown	2nd Yr. Law
Edwards, Dorothy Pearl	Grantsville, Md.	Jun., B. S. Phys. Ed.
Edwards, Herbert Frederick	South Brownsville, Pa.	Soph., A. B.
Edwards, Laurens F.	Charleston	Sen., B. S. Ed.
Efthemes, George Harry	Wheeling	Fr., B. S. Ch. E.
Ehrlich, Harry	Brooklyn, N. Y.	2nd Yr. Med.
Eib, Irene Eleanor	Elkins	Grad., English
Eib, Virginia Nelle	Elkins	Grad., English
Elkin, James Elwell	Morgantown	Soph., B. S. Ch. E.
Elkins, Earl Crawford	Wellsburg	Soph., B. S. Ch. E.
Elliott, Alice Winifred	Youngstown, Ohio	2nd Yr. Med.
Elliott, Annabel Meredith	Morgantown	Fr., A. B.
Elliott, Cleon Edward	Charles Town	Sen., B. S. Ed.
Elliott, Crystal Evelyn	Oakland, Md.	Fr., A. B.
Elliott, Hazel King	Bruceton Mills	Jun., B. S. H. E.
Elliott, Marguerite	Wilsonburg	Jun., B. S. H. E.
Elliott, Robert Alexander	Wilsonburg	Soph., B. S. Agr.
Ellis, Ruth Mary	Charleston	Fr., A. B.
Ellison, Harriett Petrie	Greenville	Fr., B. S. H. E.
Elmore, Earle Looney	Tariff	Sen., A. B.
Elzey, Florence	Parkersburg	Summer School
Emerson, Jean	Morgantown	Sen., B. S. H. E.
Emerson, Roy Wade	Morgantown	Soph., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Emrick, George Waldon	Cairo	Grad., Agriculture
Emsley, Helen	Wheeling	Sen., A. B.
Endsley, Alexandra Tait	Somerset, Pa.	Soph., A. B
Engel, Eulan Maude	Chapel	Sen., B. S. H. E.
England, Francis Max	Charleston	Jun., A. B.
Engle, Earl L.	Clendenin	Jun., B. S. E. E.
Engle, Elizabeth Pullen	Clendenin	Grad., English
Englehart, Pauline Genevieve	Morgantown	Grad., German
Enoch, James Franklin	Parkersburg	Soph., A. B.
Eppstein, Stanley M.	Charleston	Soph., A. B.
Epstein, Maxwell	Jamaica, N. Y.	Jun., A. B.
Erb, Paul Edward	Wheeling	1st Yr. Law
Erd, Theodora	Morgantown	Soph., B. S. H. E.
Eskey, Charles W.	Charleston	Fr., A. B
Eskins, Harold Eugene	Charleston	Fr., A. B.
Eubank, Mildred Olevia	Gary	Grad., English
Eurit, Olney Teresa	Stuart, Fla.	Jun., B. S. Ed.
Evans, Davis W.	Grafton	Fr., B. Mus.
Evans, Elizabeth Ann	Ansted	Fr., A. B.
Evans, Eugene Reese	Morgantown	Jun., A. B.
Evans, Hazel Gertrude	Elkins	Spec., Grad.
Evans, Helen Kay	Morgantown	Fr., B. S. Phys. Ed.
Evans, Hugh A.	Newburg	Soph., A. B
Evans Isabel Margaret	Williamson	Soph., A. B.
Evans, Thomas Jaekson	Bloomsburg, Pa.	Jun., A. B.
Everley, Pearl Blanche	Masontown	Fr., A. B.
Eviek, Louise Elizabeth	Morgantown	Jun., B. Mus.
Ewing, Merle	Morgantown	Fr., B. S. Phys. Ed
Ewing, Wanda Marie	Morgantown	Sen., B. S. H. E.
Ewing, Wilma Jane	Morgantown	Jun., B. S. Ed.
Exley, Ben	Wheeling	2nd Yr. Pharm.
Exley, Dale Merritt	Fairview, Pa.	Fr., B. S. Ch. E.
Falek, Edgar Lloyd	Wheeling	Soph., B. S. Ch. E.
Fadeley, Carl R.	Parkersburg	Fr., A. B.
Fairfield, Rilla Louise	Morgantown	Fr., A. B.
Fallon, Neil Joyee	Omar	Fr., A. B.
Falor, Thomas Heltzer	Richwood	Soph., A. B.
Fannin, Chester Newton	Barboursville	Grad., English
Farinetti, Martin	Morgantown	Sen., A. B.
Farley, Palmer	Beckley	Jun., A. B.
Farmer, Guy Otto	Maybeury	Soph., A. B.
Farmer, Madgelene	Beckley	Sen., A. B.
Farnsworth, Bonnie	Linn	Grad., Home Eeonomics
Farr, Paul Douglass	Charleston	1st Yr. Law
Farrell, Robert Hughes	Clarksburg	1st Yr. Law
Faseck, Ralph Nelson	Reniek	Grad., History
Faulkner, Lynn Teeumseh	Grafton	Grad., Education
Fauss, Leroy Carl	Elkview	Grad., Eduеation
Faust, J. Donovan	Hepzibah	Sen., A. B.
Faust, Marie	Grafton	Sen., A. B.
Fazio, Joseph David	Mount Clare	1st Yr. Pharm.
Feather, Gilbert Woodrow	Smithfield, Pa.	Fr., B. S. Phys. Ed.
Federer, George Andrew, Jr.	Morgantown	Grad., Eduеation
Feingold, Myer M.	Wheeling	Soph., A. B.
Ferguson, Florna Cameo	Montrose	Sen., B. S. Ed.
Ferrara, Lola Mary	Morgantown	Jun., B. S. H. E.
Ferrara, Louis	Morgantown	Sen., A. B.
Ferrell, Margaret Elizabeth	Parkersburg	Jun., B. S. H. E.

Ferrer, Frank Manuel	Aibonito, P. R.	Fr., B. S. M. E.
Ferris, John Thomas	Moundsville	Soph., A. B.
Ferris, Josephine	Moundsville	Sen., B. S. H. E.
Ferry, James Frederick	Weston	Grad., Botany
Fesenmeier, George A.	Huntington	Soph., A. B.
Fetty, Doris Esta	Morgantown	Grad., Sociology
Fetty, Isaac Nicholas	Mount Morris, Pa.	Fr., B. S. Agr.
Fetty, Lula M.	Morgantown	Spec., A. & S.
Fetty, Mildred Agnes	Clarksburg	Fr., A. B.
Fiandaca, Patsy Marion	Mount Pleasant, Pa.	Fr., A. B.
Fidler, Frank Hanry, Jr.	Tioga	Fr., B. S. M. E.
Fidler, Kester F.	Salem	Grad., Education
Fidler, Louis	Ashland, Ky.	Fr., B. S. Phys. Ed.
Field, Dorothea	Morgantown	Sen., B. S. H. E.
Field, George Franklin	Kingwood	1st Yr. Med.
*Field, Sara Frances	Huntington	Grad., English
Fife, Sallie Conner	Buffalo	Grad., English
Fike, C. Ruth	Eglon	Grad., Education
Fike, Mildred Savilla	Eglon	Jun., B. S. Ed.
Findley, Avice Bernita	Clarksburg	Jun., A. B.
Findley, Harry Lawson	Flemington	Jun., A. B.
Finger, Ben Sardon, Jr.	Fairmont	Fr., A. B.
Finn, Minna Rosalyn	Morgantown	Soph., B. S. Phys. Ed.
Finn, Sylvia	Morgantown	Music
Fischer, Marjorie Kathleen	Morgantown	Fr., B. S. H. E.
Fishbach, Mary Ellen	Glenville	Jun., B. Mus.
Fisher, Earl Lloyd	Gassaway	1st Yr. Med.
Fisher, Edgar Maxwell	Sabraton	Jun., B. S. Ind. Ed.
Fisher, Eloise	Walton	Jun., A. B.
Fisher, Frances Gertrude	Sutton	Sen., A. B.
Fisher, Hokie Hobart	Morgantown	1st Yr. Med.
Fisher, Paul Frederick	Charleston	Soph., B. S. M. E.
Fisher, Robert Martin	McMechen	Fr., B. S. Ch. E.
Fisher, William Dodson	Grafton	1st Yr. Pharm.
Fittro, Allison Edmond	Clarksburg	Sen., B. S. C. E.
Fittro, Garnette Leona	Clarksburg	Grad., Home Economics
Fitzgerald, Bernece Marie	Mount Morris, Pa.	Music
Fitzpatrick, Madeline Roxanne	Clarksburg	Sen., B. Mus.
Fitzpatrick, Robert Henry	Clarksburg	Soph., B. S. Ch. E.
Fitzpatrick, Walter Valentine	Parkersburg	Soph., A. B.
Fizer, Elmer Parsons	Morgantown	Soph., B. S. Phys. Ed.
Fizer, Homer	Morgantown	Jun., B. S. Phys. Ed.
Flanagan, Bertha Marie	Shirley	Jun., A. B.
Flegel, Perry Stewart	Gallagher	Grad., Education
Fleming, Arch Charles	Wheeling	Fr., B. S. E. E.
Fleming, Caroline	Fairmont	Soph., A. B.
Fleming, Harold D.	Farmington	Grad., Education
Fleming, Harry Carrington	Grafton	Sen., A. B.
Fleming, Howard Earl	Charleston	Sen., A. B.
Fleming, Irene F.	Farmington	Grad., Education
Flesher, Everett Cecil	Reedy	Sen., B. S. Ed.
Flesher, Harry Edgar	Grafton	Fr., A. B.
Flesher, Mary Louise	Morgantown	Soph., A. B.
Fleshman, Mary Ione	Walton	Soph., A. B
Fletcher, James Jackson	Alderson	Sen., A. B.
Fletcher, Louise Elizabeth	Charleston	Sen., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Fletcher, Richard W.	Alderson	Fr., A. B.
Fling, Elizabeth Dowden	Elkins	Grad., Physics
Flory, Georgie Ocheltree	Clarksburg	Sen., A. B.
Fodor, Albert Joseph	Minden	Fr., B. S. E. E.
Fogel, Ethel Virginia	Rochester, Pa.	Sen., A. B.
Fogel, Ruth Mildred	Rochester, Pa.	Grad., English
*Fogt, Glenna Catharine	Sidney, Ohio	Grad., Education
Foose, Raymond A.	Wheeling	Fr., A. B.
Foote, Charles Irving	S. Norwalk, Conn.	Sen., A. B.
Forbes, Margaret Louise	Morgantown	Jun., B. S. Ed.
Ford, Frederick Wayne	Dunbar	1st Yr. Law
Ford, V. Howard, Jr.	Charleston	Soph., A. B.
Foresman, D. B.	Montcoal	Fr., A. B.
Foresman, Henry Melich	Montcoal	Fr., A. B.
Forman, Lucille	Northfork	Fr., A. B.
Forman, Pauline Fae	Morgantown	Grad., Education
Forman, William Bayard	Lumberport	Fr., B. S. E. E.
Forse, Idabel	Beech Bottom	Jun., B. S. Phys. Ed.
Forte, Anthony Joseph	Fairmont	Fr., A. B.
Fortney, Anne	Charleston	Jun., A. B.
Fortney, Glenna Brown	Elkview	Music
Fortney, Jerald Byrum	Reedsville	Jun., A. B.
Fortney, Jessie	Charleston	Fr., A. B.
Fortney, Marion Francis	Elkview	Grad., Education
Fossnight, Rex Leroy	Ottawa, Kan.	Grad., Civil Eng'g.
Foster, Carson Mead	Seth	Fr., A. B.
Foster, William Henry	Saint Albans	Jun., A. B.
Founds, Melvin Clearence	New Martinsville	Fr., A. B.
Fox, George McMorrow	Sutton	Sen., A. B.
Fox, Irvin	Morgantown	Jun., B. S. Agr.
Fox, Martha Pearle	Mount Morris, Pa.	Sen., B. Mus.
Fox, Nelson	Wheeling	Jun., B. S. Agr.
Fram, Hazel Mary	Hopwood, Pa.	Soph., A. B.
Frame, Robert Nat	Morgantown	Jun., A. B.
Frame, Silas William	Morgantown	Soph., A. B.
Frankel, Charles James	Huntington	2nd Yr. Med.
Frankovitch, Carl	Weirton	3rd Yr. Law
Frantz, Howard Welfley	Confluence, Pa.	Fr., B. S. Agr.
Frantz, Katherine Helen	Red Star	Jun., B. S. Phys. Ed.
Frantz, Marian Browning	Fairmont	Fr., A. B.
Franz, Gerrard Albert	Clarksburg	Fr., A. B.
Fraser, James Gorden	Charleston	Fr., A. B.
Frasure, Louise Durham	Morgantown	Grad., English
Frazier, Hartsel F.	Layland	Grad., Education
Freed, Don Glenn	Charleston	Sen., A. B.
Freeman, Fletcher	Beckley	Jun., A. B.
Freeman, M. Maurice	Parsons	Spec., Grad.
Freidlander, Sam	Fairmont	Jun., A. B.
French, David Garfield	Morgantown	Fr., A. B.
French, Edna Cumming	Morgantown	Spec., Grad.
French, Margaret Matilda	Morgantown	Sen., A. B.
French, Millard F.	Beckley	2nd Yr. Law
Friant, Ray Jerome	Morgantown	Grad., Agronomy
Frich, Michael Garland	Weirton	Jun., A. B.
Friedel, John Edward	Saint Clairsville, Ohio	Fr., A. B.
Friend, Albert W.	Morgantown	Sen., B. S. E. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Friend, Evelyn Hall	Morgantown	Jun., B. S. H. E.
Friend, Lloyd Lowndes, Jr.	Morgantown	Fr., A. B.
Fromme, Jean Louise	Morgantown	Soph., A. B.
Frye, Maxie	Gilbert	Soph., A. B.
Fueg, John William	Wheeling	Fr., A. B.
Fullmer, Herman Curtis	Morgantown	Fr., A. B.
Fulton, Martha Theoda	Morgantown	Spec., Grad.
Fultz, Daisy Eleanor	Fairmont	Fr., B. S. Phys. Ed.
Funk, Durward Rose	Rowlesburg	Fr., B S. Phys. Ed.
Funkhouser, Nora Ella	Hambleton	Jun., A. B.
Furbee, Charles Wesley, Jr.	Clarksburg	Sen., A. B.
Furbee, Kenneth D.	McMechen	Grad., Education
Furbee, Martha Virginia	Mannington	Jun., B. S. Ed.
Furlong, Edward Colson	Morgantown	Fr., B. S. Ch. E.
Fuster y Fuster, Jaime	Guayama, P. R.	2nd Yr. Med.
Fuster y Fernandez, Manuel	Guayama, P. R.	2nd Yr. Med.
Gaal, James Charles	Chattaroy	Sen., B. S. Ch. E.
Gaal, William Joseph	Chattaroy	Sen., A. B.
Gadd, William Aaron	Uniontown, Pa.	Fr., B. S. Phys. Ed.
Gainer, Walter Paul	Morgantown	Soph., B. S. Agr.
Gall, Waitman D., Jr.	Philippi	Spec., Grad.
Gallaspee, James Owen	Fairmont	Soph., B. S. M. E.
Gallin, Herman	Brooklyn, N. Y.	Fr., B. S. Phys. Ed.
Gallo, John	Lorado	Fr., A. B.
Galperin, Samuel E.	Charleston	Soph., A. B.
Galusha, Helen Kathryn	Morgantown	Fr., A. B.
Gamble, Floy	New Martinsville	Grad., English
Gandee, Roy Edison	Clendenin	Jun., A. B.
Gans, Leona Marie	Point Marion, Pa.	Sen., B. S. Phys. Ed.
Gapen, Margaretta	Morgantown	Summer School
Garcia, Charles T.	New York, N. Y.	1st Yr. Med.
Gardner, Eva Gladys	Blacksville	Soph., B. S. Phys. Ed.
Gardner, Willis C.	Blacksville	Soph., B. S. E. E.
Garletts, Marguerite	Morgantown	Soph., B. S. H. E.
Garrett, Freer William	Dunbar	Fr., B. S. Phys. Ed.
Garrett, Henry Lee	Martinsburg	Jun., A. B.
Garrett, Wiley Scott	Fairmont	Grad., Psychology
Garrison, Cecil Andrew	Hollidays Cove	Grad., Education
Garrison, Faye	Auburn	Soph., B. S. H. E.
Garrison, Mary Johnston	Morgantown	Spec., A. & S.
Garrison, Paul Johnston	Morgantown	3rd Yr. Law
Garrison, Rose Maxine	Morgantown	Soph., A. B.
Garvin, Wilda Anne	Cunard	Soph., A. B.
Gaskins, Charles Eugene	Morgantown	Soph., B. S. Phys. Ed.
Gaston, James Harry	Morgantown	Jun., A. B.
Gates, Cecil Raymond	Morgantown	Grad., Education
Gates, Eleanor Elizabeth	Morgantown	Fr., A. B.
Gates, Owen R.	Flemington	Grad., Chemistry
Gawthrop, Carol Burr	Mancos, Col.	Summer School
Gay, Julius Maywood	Charleston	Fr., B. S. C. E.
Gaydosh, Anne Therese	Wheeling	1st Yr. Med.
Gaydosh, Michael Andrew	Wheeling	Soph., A. B.
Gaynor, John Samuel	Wheeling	2nd Yr. Med.
Geary, James Joseph	Alicia, Pa.	Fr., A. B.
Geddes, David Morrison	Bellaire Park, N. Y.	Sen., A. B.
Geiler, Frederick Linck	Morgantown	Grad., Chemistry
George, Grace Snyder	Morgantown	Grad., Latin
Geppert, William Henking	Clarksburg	Jun., A. B.

Gessler, Paul Ernest	Parkersburg	Sen., B. S. Agr.
Gestaut, Charles William	Chicago, Ill.	Jun., A. B.
Geuting, Bernard George	Hamburg, N. Y.	Fr., A. B.
Geyer, Hannah Virginia	Martinsburg	Soph., A. B.
Gibson, Christine Post	Masontown	Summer School
Gibson, Ercell Elizabeth	Morgantown	Sen., B. Mus.
Gibson Haward Joseph	Kingwood	3rd Yr. Law
Gibson, Ila Kathryn	Grafton	Spec., Grad.
Gibson, James Clifford	Kingwood	Fr., A. B.
Gibson, Neva Madeline	New Cumberland	Jun., B. S. Phys. Ed.
Gibson, Virginia Bess	Kingwood	Jun., A. B.
Gidley, Irma F.	Morgantown	Jun., A. B.
Giffin, Paul Franklin	Rowlesburg	Soph., A. B.
Gifford, Pearl Elizabeth	Lost Creek	Soph., B. S. H. E.
Giglia, Rose Ann	Glen Jean	Soph., A. B.
Gilbert, Eleanor Matilda	Morgantown	Sen., A. B.
Gilbert, Forrest Fern	Parkersburg	Jun., B. S. H. E.
Gilhooley, M. Christine	Ronceverte	Music
Gilkeson, Ralph Miller	Springdale	Sen., B. S. M. E.
Giltner, Virginia Bartlett	Parkersburg	Jun., B. S. Phys. Ed.
Ginsburg, Charles David	Huntington	Sen., A. B.
Given, Ida S.	Morgantown	Spec., Phys. Ed.
Glass, Ruth Maxson	New Cumberland	Fr., B. S. H. E.
Glasscock, Nora Lucille	Morgantown	Soph., B. S. H. E.
Glasscock, Paul Cordray	Morgantown	Jun., A. B.
Glassman, Danny	Morgantown	1st Yr. Med.
Glenn, Blanche Blackburn	Morgantown	Grad., Education
Glenn, Edith A.	Morgantown	Jun., B. S. Ed.
Glisan, Helen Virginia	Morgantown	Fr., A. B.
Glover, Helen Kathleen	West Union	Soph., A. B.
Glover, Ira Russel	Salem	Grad., Education
Glover, Margaret Ann	Fairchance, Pa.	Sen., B. S. H. E.
Glover, Roberta Newman	Morgantown	Soph , A. B.
Goad, John Hiram	Clendenin	Fr., B. S. E. E.
Goad, Sidney Eugene	Clendenin	3rd Yr. Law
Gocke, Mary Frances	Clarksburg	Fr., A. B.
Godbey, John Randolph	McKendree	Sen., A. B.
Goddin, Avery H.	Elkins	Grad., Elec. Eng'g.
Goddin, Elmer D.	Thomas	Grad., Education
Goddin, Omar T.	Elkins	Grad., Education
Goddin, Robert Lee	Elkins	Sen., B. S. Agr.
Godwin, James Elmore	Huntington	Grad., Mech. Eng'g.
Goetz, John Edwin	Fairmont	Soph., B. S. Phys. Ed.
Goff, Frederick Hardman	Morgantown	3rd Yr. Law
Goff, Lilian Cotton	Saint Marys	Summer School
Goff, William Hunter	Burnt House	1st Yr. Med.
Goisse, Olga	Salem	Summer School
Goldberg, Jacob Herbert	Greensburg, Pa.	Fr., A. B.
Goldberg, Samuel Jacob	Wheeling	Fr., B. S. Ch. E.
Goldberger, Sidney	Babylon, N. Y.	Fr., B. S. C. E.
Golden, Irving	South Norwalk, Conn.	Soph., A. B.
Goldenberg, Abe	Parkersburg	Soph., A. B.
Goldin, Mayne Winifrede	Parkersburg	Summer School
Goldsborough, Gladys Thomas	Romney	Jun., B S. Phys. Ed.
Gompers, Haward William	Wheeling	1st Yr. Law
Gonano, Katherine	Pageton	Sen., A. B.
Gonzales, John J.	Aibonito, P. R.	Soph., A. B.
Good, Harry Sheldon	Allentown, Pa.	2nd Yr. Med.

Goodall, Frederic C., Jr.	Bluefield	Jun., A. B.
Goodall, Mary Kathleen	Charleston	Soph., A. B.
Goodman, Edward	New York, N. Y.	2nd Yr. Med.
Goodrich, Mary Jane	Mount Morris, Pa.	Soph., B. S. H. E.
Goodrich, William Lloyd	East Orange, N. J.	Fr., A. B.
Goodwin, Carl Vernon	Grafton	Fr., B. S. E. E.
Goodwin, Charles Ralph	Wheeling	Fr., B. S. Phys. Ed.
Goodwin, Evelyn	Cairo	Jun., A. B.
Goodwin, Mary Edith	Cairo	Grad., Botany
Gorby, Thomas David	Morgantown	Sen., B. S. Ed.
Gordon, Evelyn Belle	Morgantown	Jun., A. B.
Gordon, Jerame Zollars	Morgantown	1st Yr. Law
Gordon, Von Walter	Parkersburg	Sen., A. B.
Gorrell, Chester Woodrow	Charleston	Fr., B. S. M. E.
Gorrell, Elizabeth	Charleston	Jun., A. B.
Gott, Julia	Princeton	Sen., A. B.
Gottlieb, Sidney Leon	Paterson, N. J.	Fr , A. B.
Gough, Hannah E.	Greencastle, Ind.	Soph., A. B.
Gouker, Roy Edward	Dunbar, Pa.	Fr., A. B.
Gourley, Harry Robert	Punxsutawney, Pa.	Fr., A. B.
Gower, Elmer Biggs	Ridgeley	Jun., A. B.
Grace, James Eugene	Belle Vernon, Pa.	Soph., A. B.
Graham, Ansel Herbert	Masontown	Fr., B. S. M. E.
Graham, Ben Irvin	Fairmont	Soph., A. B.
Graham, Isabel Martha	Morgantown	Fr., B. S. Phys. Ed.
Graham, James Parks	Fairmont	Grad., Chemistry
Graham, Paul Victor	Hollidays Cove	1st Yr. Med.
Graham, William Karl	Hollidays Cove	2nd Yr. Med.
Graham, William Rees, Jr.	Bluefield	Soph , B. S. E. M.
Green, William Boylan	Connellsville, Pa	Soph., B. S. Ch. E.
Greenberg, Herbert	Brooklyn, N. Y	Fr., A. B.
Greenberg, Ralph	Kansas City, Mo.	2nd Yr. Med.
Greenburg, Samson Martin	Wheeling	Soph., A. B.
Greene, Harry Horton	Fairmont	Grad., Education
Greene, Marie	Weston	Jun., A. B.
Greenlee, Grace	Charleston	Jun., B. S. H. E.
Greenlee, Leslie Eugenia	Charleston	Jun., A. B.
Greer, Bernice R.	Gairo	Jun., B. S. Ed.
Gregg, Charles Walter	Morgantown	Fr., A. B.
Gregg, Robert Aubrey	Morgantown	Soph., A. B.
Gregory, Catherine Elizabeth	Follansbee	Jun., A. B.
Gregory, Harold D.	Newell	Soph., A. B.
Gribble, Lloyd Raymond	Morgantown	Grad., Zoology
Griffin, Grace Margaret	Morgantown	Grad., Education
Griffin, Loy Edgar	Wyatt	Summer School
Griffith, John Edward	Fairmont	Jun., A. B.
Griffith, Stephen D.	Clarksburg	Jun., A B.
Grimes, Frances Fortune	Morgantown	Fr., B. S. Phys. Ed.
Grimes, Jane Ellen	Morgantown	Soph., A. B.
Grogg, Evelyn Lee	Morgantown	Jun., A. B.
Grose, Artha Morgan	Fairmont	Grad., Education
Grose, Sylvester Carson	Nitro	Grad., Education
Grossman, Charles B.	Charleston	Sen., A. B.
Grove, Ruth Pauline	Morgantown	Spec., Grad.
Groves, Ancell Byron	Morgantown	Grad., Plant Pathology
Groves, James Huling	Sistersville	Sen., A. B.
Groves, Owen A.	Summersville	1st Yr. Med.
Grow. Buel K.	Parkersburg	Sen., B. S. Phys. Ed.

Grow, George William	Clarksburg	Fr., A. B.
Grow, Lillian Irene	Clarksburg	Sen., B. S. Ed.
Grow, William Charles	Morgantown	Soph., A. B.
Grubb, John Edward	Rowlesburg	1st Yr. Pharm.
Grumbein, Mary Louise	Morgantown	Fr., A. B.
Gulentz, Amelia Beryl	Philippi	Jun., A. B.
Gum, Laurence Lenard	Weston	Fr., B. S. Phys. Ed.
Gumm, Grace	Kingwood	Jun., B. Mus.
Gunneau, Dorothy	Charleston	Soph., B. S. H. E.
*Gunnoe, George H.	Huntington	Grad., History
Gunnoe, Wannis	Oceana	Grad., Education
Gustafson, Karl Werner	Albright	Jun., A. B.
Guthrie, George Hye	Charleston	Fr., A. B.
Guthrie, Virginia Ailein	Eccles	Sen., B. Mus.
Gwilliam, James Timothy	Sabraton	Sen., B. S. Phys. Ed.
Gwilliam, Minnie Ida	Sabraton	Fr., A. B.
Gwynn, Marsh Bennett	Morgantown	Fr., B. S. E. E.
Gwynn, Roy Verner	Mabscott	Fr., B. S. Ind. Ed.
Gwynne, Albert	Morgantown	Jun., B. S. Phys. Ed.
Habig, Donald Paul	Wheeling	1st Yr. Law
Haddad, Abraham A.	Charleston	3rd Yr. Law
Haddock, George Henry	Morgantown	Jun., A. B.
Haden, Charles H.	Morgantown	2nd Yr. Law
Haffner, Sarah	Elkins	Grad., English
Hager, Robert Arnold	Weston	Fr., A. B.
Hager, Stachia Paule	Clothier	Jun., A. B.
Haggerty, Mary Belle	Fairmont	Sen., A. B.
Hagood, Margaret Jarman	Staunton, Va.	Spec., Grad.
Hailston, John Jacob	Weston	Fr., A. B.
Haines, Pansy Gladys	Morgantown	Soph., A. B.
Haines, Ralph Wilson	Romney	Soph., A. B.
Halderman, Howard E.	Tippecanoe City, Ohio	1st Yr. Med.
Hale, Edward Everett	Fairmont	Grad., Education
Hale, Frank Abram	Weston	2nd Yr. Med.
Hale, Roy Robert	Weston	Sen., A. B.
Hall, Adrian Hunter	Morgantown	Soph., B. S. C. E.
Hall, Burton Albin	Buckhannon	Grad., History
Hall, Edna Rita	Frametown	Grad., English
Hall, Edward Johnson	Stotesbury	Grad., Education
Hall, Florence M.	Fairmont	Grad., Education
Hall, Frances Stahl	Stotesbury	Sen., B. S. Ed.
Hall, Frank	Fairmont	Grad., Education
Hall, Gus Herman	Charleston	Sen., A. B.
Hall, Ivan Wright	Morgantown	Soph., B. S. Ch. E.
Hall, James F.	Morgantown	Soph., B. S. Agr.
Hall, James Lester	Fairmont	Grad., Chemistry
Hall, Jean Elizabeth	Clay	Jun., A. B.
Hall, Jesse Samuel	Fairmont	Soph., A. B.
Hall, Lawrence Wilbur	Proctor	Soph., B. S. E. E.
Hall, Martin Luther	Morgantown	Spec., A. & S.
Hall, Mildred	Kingwood	Soph., A. B.
Hall, Myra	Morgantown	Soph., A. B.
Hall, Nathan Isaac	Elkins	Jun., B. S. E. E.
Hall, Paul William	Bridgeport	Soph., B. S. Phys. Ed.
Hall, Roy Olney	Morgantown	Grad., Education
Hall, Stanley Roy	Hurst	Grad., History

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Hall, Wilbur Dallas	Mannington	2nd Yr. Med.
Hall, Wilda Wright	Morgantown	Music
Hall, William Darlington	Elkins	Soph., B. S. E. E.
Hall, William Lloyd	Morgantown	Soph., A. B.
Haller, Nell	Elm Grove	Soph., A. B.
Hamill, Carl Randolph	Wheeling	Grad., Phys. Ed.
Hamilton, Alice Margaret	Hinton	Soph., B. S. H. E.
Hamilton, Henry Alexander	Elkins	Grad., Education
Hamilton, Jarrett Ulrich	Hundred	Grad., Phys. Ed.
Hamilton, Owen S.	Morgantown	Sen., B. S. Agr.
Hamilton, Robert C.	Hinton	Sen., A. B.
Hamilton, Towers William	E. Norwalk, Conn.	Soph., A. B.
Hamilton, Walter Edwin	Morgantown	Fr., A. B.
Hammer, Samuel Francis	Greensburg, Pa.	1st Yr. Med.
Hammer, Winnie Susan	Flatwoods	Grad., Home Economics
Hammond, Monica Willet	Pennsboro	Grad., History
Hampton, Raymond L.	Kermit	Jun., A. B.
Hamrick, Ethel Faith	Webster Springs	Jun., B. S. Ed.
Hamstead, Dora Elma	Morgantown	Grad., Home Economics
Hamstead, Martha Anne	Morgantown	Grad., Home Economics
Hancock, Camilla Mae	Morgantown	Soph., A. B.
Hancock, Elizabeth Etta	Morgantown	Soph., A. B.
Handlan, Bertha	Wheeling	Grad., English
Hando, Michael	Fairmont	Sen., B. S. Ed.
Haney, Agnes Simpson	Morgantown	Sen., B. S. Ed.
Haney, Ann Katherine	Morgantown	Fr., A. B.
Haney, Frances Frederick	Morgantown	3rd Yr. Law
*Haney, Gertrude Menor	Ashland, Ky.	Grad., Education
Haney, Mary Edith Eddy	Morgantown	Summer School
Hanifan, Floyd R.	Williamson	Grad., Education
Hannah, Electa	Morgantown	Summer School
Hannum, Katherine Virginia	Levels	Soph., A. B.
Hansford, Edward Middleton	Pratt	Grad., Economics
Harbert, Jessie Irene	Lumberport	Fr., B. S. H. E.
Harbert, Richard E.	Lumberport	Grad., Agriculture
Hardesty, John Raymer	Kingwood	Soph., A. B.
Hardesty, Minnie Josephine	Shinnston	Fr., B. S. H. E.
Hardman, Frankie Gweneth	Morgantown	Jun., A. B.
Hardman, Gwendolyn Mae	Spencer	Fr., A. B.
Hardy, Charles Michael	Fairmont	Grad., Education
Hare, Charles Edmond	Morgantown	Jun., A. B.
Harless, Carl Bernley	Beckley	Fr., A. B.
Harman, George Berlin	Morgantown	3rd Yr. Pharm.
Harney, Mary Virginia	Wheeling	Fr., A. B.
Harper, Hal Thomas	Spelter	Fr., A. B.
Harper, Kathryn Louise	Janesville, Wis.	Fr., A. B.
Harper, Stelman	Harman	Sen., B. S. Ed.
Harr, Betty Brooks	Fairmont	Jun., A. B.
Harrick, George	Morgantown	Jun., A. B.
Harris, Alice Kathleen	Morgantown	Fr., B. S. H. E.
Harris, Earl Kenneth	Little Birch	Jun., B. S. Ed.
Harris, Elmore D.	Mannington	Jun., B. S. E. E.
Harris, Ernie Wilson	Little Birch	Jun., B. S. Ed.
Harris, Georgine Ritland	Morgantown	Grad., English
Harris, Lillian Adeline	Ellsworth, Pa.	Soph., B. S. Phys. Ed.
Harrison, Frank Tate	Weston	Soph., B. S. Ch. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Harrison, Paul William	Grafton	Fr., A. B.
*Harshbarger, John Harold	Milton	Grad., Chemistry
Hart, Lyle B.	Cabell	1st Yr. Med.
Hart, William Tanguary	Clarksburg	Fr., A. B.
Hartley, Edwin Forrest, Jr.	Fairmont	3rd Yr. Law
Hartman, Edwina Virginia	Kingwood	Sen., A. B.
Hartman, Mary Lou	Kingwood	Jun., B. S. H. E.
Hartman, Ralph M.	Tunnelton	Sen., A. B.
Hartman, Willard Villetta	Morgantown	Grad., Home Economics
Harwood, Thomas Perkins	Green Bank	Spec., Grad.
Haselden, Sherman Hooke	Mount Clare	Grad., Education
Hashinger, W. Roy	Morgantown	Grad., Psychology
Haslam, William Aaron	Monaville	Sen., B. S. E. M.
Hastings, Lynn	Morgantown	Grad., Education
Hatfield, Elizabeth Aileen	Monaville	3rd Yr. Law
Hatfield, Ethel Virginia	Yukon	Soph., A. B.
Hatfield, Oliver Douglas	English	Jun., A. B.
Hatfield, Robert C.	Simon	1st Yr. Med.
Haught, Arthur Paul	Belle	Soph., B. S. Ch. E.
Haught, Edwin P.	Cameron	Grad., Education
Haught, H. Kathleen	Mannington	Fr., A. B.
Haught, Oscar Lee	Littleton	Spec., A. & S.
Haught, Thomas Wetmore	Buckhannon	Grad., French
Haught, Warren Edward	Belle	Soph., B. S. M. E.
Haught, William Herman	Mannington	Fr., B. S. Agr.
Havener, Harriet	Morgantown	Sen., A. B.
Havener, John Franklin	Morgantown	Jun., A. B.
Hawke, Clarence M.	Ashley, Pa.	1st Yr. Med.
Hawkins, Carroll James	Brooklyn, N. Y.	Fr., A. B.
Hawkins, Carroll Richard	Morgantown	Soph., B. S. Agr.
Hawkins, Cecil Leonard	Lumberport	Sen., B. S. Agr.
Hawkins, Edward Samuel	Fairmont	Jun., B. S. Ch. E.
Hawley, Eva Claire	Morgantown	Jun., A. B.
Hawley, Ireta Estelle	Morgantown	Grad., Public Speaking
Hayes, Elizabeth Roths	Morgantown	Sen., A. B.
Hayes, Mary Ellen	Wheeling	Soph., B. S. Phys. Ed.
Hayhurst, Frank Brunson	Morgantown	Sen., B. S. Ind. Ed.
Haynes, Clowney Elbert	Russellville	Fr., B. S. C. E.
Haynes, Loyd Charles	Clarksburg	2nd Yr. Law
Haynes, Maude Schumann	Morgantown	Soph., B. S. H. E.
Hays, Francis Calovie	South Charleston	Fr., B. S. C. E.
Haythe, Elizabeth	Hinton	Grad., English
Haythe, Woodville Carthon	Hinton	3rd Yr. Law
Headlee, Alvah John Washington	Morgantown	Grad., Chemistry
Headlee, Clarence Ottas	Parsons	Grad., Agriculture
Healey, George Harris	Morgantown	Sen., A. B.
Healey, John Allen	Kane, Pa.	Jun., A. B.
Hearst, David S.	Morgantown	Jun., A. B.
Heatherman, Joseph Thomas	National	Jun., A. B.
Heatherman, William Frank	Huntington	Soph., A. B.
Heck, Edward Timmel	Spencer	Sen., A. B.
Heckert, Virginia	Bridgeport	Sen., B. S. Ed.
Hedrick, Forest William	Green Bank	Grad., Agriculture
Heflin, Mary	West Union	Soph., B. S. H. E.
Hefner, Lorena	Burnsville	Jun., B. S. Phys. Ed.
Heiskell, Hazel Morris	Morgantown	Summer School

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Hemington, Ralph Wilson	Uniontown, Pa.	Soph., A. B.
Henderson, John Gibson	Fairmont	Soph., B. S. E. E.
Henderson, Louise	Wheeling	Soph., A. B.
Henderson, Virginia Belle	Morgantown	Soph., B. S. Phys. Ed.
Henkel, Carroll Hess	Martinsburg	Jun., B. S. Ch. E.
Hennen, Kathleen Matilda	Morgantown	Jun., A. B.
Hennen, Louise Reiner	Morgantown	Grad., Education
Hennen, Lydia Josephine	Morgantown	Soph., A. B.
Henry, Eleanor Coda	Morgantown	Soph., A. B.
Henry, Glen Kern	Mount Clare	Sen., B. S. Ind. Ed.
Henry, Leslie E.	Morgantown	Fr., B. S. Agr.
Henry, Ruth Eleanor	Morgantown	Sen., B. S. Phys. Ed.
Henry, Wendell Dawley	West Warwick, R. I.	Grad., Plant Pathology
Henry, Winifred Cox	Morgantown	Summer School
Hensell, Vera Virginia	Morgantown	Grad., Public Speaking
Herald, Virgil Arlington	Pessinger	Soph., B. S. Agr.
Herbert, Harold Leonard	New York, N. Y.	Sen., B. S. Ch. E.
Herd, Charles Thomas	Morgantown	Soph., A. B.
Herd, Josephine Virginia	Morgantown	Grad., Education
Hereford, Dymple Maude	South Side	Summer School
Hereford, Henry Alexander	Charleston	Soph., A. B.
Herod, Lyle Eddy	Grafton	Sen., A. B.
Herod, Willis Glen	Maidsville	Fr., A. B.
Herold, Everette Gilmore	Marlinton	Fr., A. B.
Herskovitz, Frances Alice	Morgantown	Soph., A. B.
Hervey, George Edward	Morgantown	Sen., B. S. E. E.
Hesen, William J.	Morgantown	Jun., A. B.
Hess, Dexter May	Morgantown	Sen., A. B.
Hess, Hellen Louise	Morgantown	Fr., A. B.
Hess, Maude Frances	Morgantown	Grad., Botany
Hess, Virginia Mae	Morgantown	Fr., A. B.
Hesse, Harry Rader	Wheeling	3rd Yr. Law
Hesse, Jane Allison	Lancaster, Pa.	Fr., B. S. Phys. Ed.
Heston, Arthur Jolliffe	Fairmont	Grad., English
Heyman, Leonard	Brooklyn, N. Y.	Soph., A. B.
Hibbert, Richard Blair	Ronceverte	Fr., B. S. C. E.
Hickel, John Riley	Belmont	2nd Yr. Law
Hickman, Abe Tilden	Barrackville	Grad., Education
Hickman, Dolph	Pennsboro	Sen., A. B.
Hickman, Hally Burton	Charleston	Jun., B. S. M. E.
Hickman, Robert Franklin	Elizabeth	Grad., English
Hickman, William	Pennsboro	Grad., English
Hiehle, Forbes R.	Parkersburg	1st Yr. Law
Hiett, Chester B.	Moorefield	Grad., Agriculture
Higginbotham, Henry Kesler	Bluefield	Music
Higgins, Clarence Earl	Reader	Sen., B. S. E. E.
Higgins, Pansy	Reader	Soph., B. S. H. E.
Higgs, Edward Harrison	Parsons	Sen., A. B.
Highland, Virginia Lee	New Martinsville	Sen., A. B.
Hildreth, Eslie Donald	Lumberport	Jun., B. S. Agr.
Hill, Alta Woods	Alderson	Sen., B. S. Ed.
Hill, Blair	Lumberport	Fr., A. B.
Hill, Charles Wickline	Hillsboro	Sen., B. S. Agr.
Hill, Franklin Herman	Middlebourne	Sen., B. S. Ed.
Hill, James Hornor	Lumberport	Soph., B. S. Ch. E.
Hill, Lawrence Rymer	Morgantown	Fr., A. B.
Hill, Lawson M.	Hillsboro	Fr., B. S. Agr.
Hill, McKinley Tennyson	Middlebourne	Grad., Agriculture

Hill, Marcia Amelia	Ronceverte	Grad., History
Hill, Pierre Frederick	Fairmont	Sen., B. S. E. E.
Hill, Richard George	Spelter	Fr., B. S. E. E.
Hiller, Woodrow W.	Clarksburg	Soph., A. B.
Hillard, Robert Christy	Morgantown	1st Yr. Law
Hilston, Neal William	Warren, Ohio	Fr., B. S. Agr.
Himmelrick, Essie	Burton	Sen., B. S. H. E.
Hiner, Mary	Marlinton	Sen., A. B.
Hines, Frank Foster	Blacksville	Fr., B. S. M. E.
Hinkel, Albert M.	Ashland, Pa.	Soph., A. B.
Hinkle, Adriel Creede	Buckhannon	Grad., Education
Hinkle, Eleanor	Weston	Jun., B. S. Phys. Ed.
Hirsohn, Sidney	Morgantown	Fr., A. B.
Hirst, Katherine Watson	Shepherdstown	Grad., Education
Hite, Ralph Mason	Mannington	Fr., A. B.
Hite, Thomas A.	Mannington	Jun., A. B.
Hoard, Eleanor Elizabeth	Hoard	Fr., B. S. H. E.
Hoard, Jeannette Grace	Point Marion, Pa.	Summer School
Hobbs, Grace Mae	Athens	Jun., A. B.
Hobbs, Ralph Brenneman	Chester	Summer School
Hoblitzell, John Dempsey	Parkersburg	Soph., A. B.
Hodges, Dermott T.	Morgantown	Soph., B. S. Ind. Ed.
Hodges, Kathleen	Morgantown	Jun., A. B.
Hoenig, Hal H.	Trenton, N. J.	Soph., A. B.
Hoffa, John Wilson	Harrisburg, Pa.	Jun., A. B.
Hoffer, Stephen Alexander	Irvington, N. J.	Fr., A. B.
Hoffman, Emily Gray	Bunker Hill	Jun., A. B.
Hoffman, Melvin Butler	Morgantown	Spec., Grad.
Hoge, John Hampton	Princeton	3rd Yr. Law
Hogg, Nancy Elizabeth	Point Pleasant	Sen., A. B.
Hogue, Harlan Bailey	Pennsboro	Jun., B. S. Agr.
Hogue, Hilda G.	Pennsboro	Fr., B. S. H. E.
Hogue, L. J.	Pennsboro	Jun., B. S. Phys. Ed.
Hogue, Mahala Mae	Morgantown	Jun., A .B.
Hohanness, B. Unger	Winchester, Va.	Fr., A. B.
Holbert, Fred Kiley	Buckhannon	Grad., Agriculture
Holland, Arthur Houston	Elkview	Grad., Agriculture
Holland, Charles Thomas	Winona	Grad., Mining
Holland, Lunsford Bigony	Sandstone	Soph., B. S. C. E.
Holland, Ruth Josephine	Morgantown	Music
Hollandsworth, Nina Mildred	Riley	Soph., B. S. Phys. Ed.
Holliday, Flora Virginia	Parkersburg	Jun., A. B.
Holswade, Sterling	Spencer	Fr., B. S. C. E.
Holt, James F.	Grafton	1st. Yr. Law
Holt, Mildred Schafer	Morgantown	Soph., A. B.
Holt, Rebecca Jane	Weston	Soph., A. B.
Holy, John Sterrett	Weston	Sen., A. B.
Homburg, John William	Wheeling	Soph., A. B.
Homer, Harry Marshall	Martinsburg	2nd Yr. Law
Homer, James D. Garard	Martinsburg	Soph., A. B.
Honehell, Carlisle Davis	Huntington	Fr., B. S. E. M.
Hood, Hannah Louise	Shinnston	Spec., Grad.
Hood, Robert Paul	Rivesville	Jun., A. B.
Hood, William Cecil	Wellsburg	Grad., Education
Hooker, Mary W.	Buckhannon	Sen., A. B.
Hoover, Hazel	Webster Springs	Grad., Mathematics
Hopkins, Henry Sheldon	Charleston	Sen., A. B.

Hopkins, Louise Estelle	Danville	Jun., B. S. Phys. Ed.
Hopkins, M. Mildred	Cameron	Summer School
Hopper, William Falcon II	Martinsburg	Fr., B. S. E. E.
Horn, Woodrow S.	Madison	Fr., A. B.
Hornor, Charles Scott, Jr.	Clarksburg	Jun., A. B.
Hornor, Thomas Roland	Bridgeport	Grad., Education
Hoskins, Wilbur Jolliffe	Morgantown	Fr., A. B.
Hott, Florence B.	Charleroi, Pa.	Jun., A. B.
Houck, Claude Lacy	Lewisburg	Fr., A. B.
Houck, Helen Frances	Ronceverte	Fr., A. B.
Houck, Margaret M.	Fairmont	Grad., History
Houck, Marvin Russel	Lewisburg	1st Yr. Med.
Hough, Charles Wayne	Morgantown	Soph., A. B.
Hoult, Charles Shircliffe	Fairmont	1st Yr. Law
Houseman, Violet Roxey	Morgantown	Grad., English
Houze, Armand Leon	Point Marion, Pa.	Soph., B. S. Ch. E.
Houze, Leon Joseph	Point Marion, Pa.	Fr., A. B.
Houze, Roger Joseph	Point Marion, Pa.	Music
Howard, Edwin Burley	Triadelphia	Sen., A. B.
Howard, Elizabeth Alyce	Cameron	Jun., A. B.
Howard, Hubert C.	Morgantown	Grad., English
Howard, Zack Mike	Charleston	Jun., A. B.
Hoy, Nevin Douglas	Oil City, Pa.	Jun., A. B.
Hoylman, Mary Virginia	Morgantown	Jun., A. B.
Hrusovsky, Louis Joseph	Benwood	Fr., B. S. Ch. E.
Hubbard, Chester Russell II	Wheeling	3rd Yr. Law
Hubbs, George Logan	Charleston	Fr., B. S. M. E.
Hudelson, Helena Houf	Morgantown	Spec., A. & S.
Hudgins, Geraldine Isabelle	Morgantown	Soph., A. B.
Hudgins, Paul Stuart	Bluefield	2nd Yr. Law
Hudkins, Paul Dickenson	Wolf Summit	Grad., Chemistry
Hudkins, Rezin Bassel	Mount Clare	Soph., B. S. Agr.
Hudson, Ida H.	Morgantown	Sen., B. S. H. E.
Huey, Elizabeth	Mannington	Jun., B. S. H. E.
Huff, Hayward H.	Harrisville	Sen., B. S. Agr.
Huffman, Kathryn	Morgantown	Grad., Chemistry
Hughart, Flossie Mildred	Scarbro	Summer School
Hughes, Belmont Clarence	Sharon, Pa.	Fr., A. B.
Hughes, Rose	Wheeling	Jun., B. S. Ed.
Hughes, William Edward	Fairmont	Fr., B. S. Ch. E.
Hughes, William T.	Morgantown	2nd Yr. Law
Hulbert, Reba	Buffalo	Fr., A. B.
Hume, Christine McClung	Meadow Bridge	Soph., A. B.
Hume, E. M.	Meadow Bridge	Summer School
Hume, Isaac Campbell	Williamsburg	Jun., A. B.
Hume, Thomas D.	Williamsburg	Summer School
Humphries, Robert E.	Ronceverte	Jun., B. S. Ch. E.
Hunger, Jane Dickie	Point Marion, Pa.	Fr., B. S. H. E.
Hunt, David Stone	Hiawatha	Fr., A. B.
Hunt, George Ray	Fairmont	Grad., Zoology
Hunter, Helen	Morgantown	Grad., Education
Hunter, Homer Glenn	Pax	Soph., A. B.
Hunter, Marjorie Ann	Mannington	Fr., A. B.
Huston, Charles Russell, Jr.	Morgantown	Jun., B. S. M. E.
Hutchinson, Bernard M.	Flatwoods	Jun., A. B
Hutson, Arnold	West Union	Jun., B. S. Agr.
Hutton, Donald Meredith	Clarksburg	3rd Yr. Law

Hutton, Luther Frank	Clarksburg	Grad., Agriculture
Hyden, William Ulysses	Warren, Ohio	Fr., A. B.
Hyer, Jacob Stephen	Buckhannon	3rd. Yr. Law
Hyer, Lucille	Flatwoods	Soph., B. S. H. E.
Hyer, Lyda Ellis	Flatwoods	Fr., B. S. E. E.
Hyman, Phil Ephraim	Bluefield	Fr., A. B.
Iaquinta, Samuel Joseph	Clarksburg	Jun., B. S. E. E.
Ice, Dorothy Jeane	Enterprise	Jun., B. S. H. E.
Ice, Letha	Morgantown	Grad. Education
Ihlenfeld, Charles Louis	Wheeling	3rd Yr. Law
Imbach, Esther Louise	Morgantown	Fr , A. B.
Imbro H. Albert	Brooklyn, N Y	Sen., A. B.
Ingraham, William Whitney	Williamstown	Grad., Education
Ireland, Emery	Pullman	Fr., B. S. C. E.
Ireland, Katherine Roberta	Pullman	Soph., A. B.
Ireland, Thelma Natalie	Morgantown	Spec., A. & S.
Irion, Victor	Monessen. Pa.	Summer School
Irons, James Dale	Fairmont	Grad., Chemical Eng'g.
Irvine, Carman E.	Elkins	Grad., Botany
Irvine, M Elizabeth	Wellsburg	Jun., B. S. Ed.
Irvine, Ruby Coffindaffer	Miletus	Sen., B. S. H. E.
Isner, Dorothy Elizabeth	Elkins	Grad., English
Israel, Sarah Margaret	Clarksburg	Soph., A. B.
Izard, Ralph	Danville	Soph., A. B.
Jackson, Alexander Earl, Jr.	Fairmont	Sen., A. B.
Jackson, John Haig	Lonaconing. Md.	Fr., B. S. C. E.
Jackson, Pauline	Ellwood City, Pa.	Soph., A. B.
Jackson, Wilfred	Elkins	Grad., Physical Ed.
Jacobs, Grace Baldwin	Morgantown	Jun., B. S. Ed.
Jacobs, Sam	Morgantown	Jun., A. B.
Jacobs, Walter Leroy	Follansbee	Soph., B. S. E. E.
James, Erine Bland	Morgantown	Fr., A. B.
James, Lantz	Frametown	Jun., A. B.
Jamison, Agnes	Morgantown	Soph., A. B.
Jamison, Beulah	Morgantown	Sen., B. S. H. E.
Jamison, Frank Robert	Fairmont	2nd Yr. Med.
Jamison, John Wilbur	Wheeling	Fr., A. B.
Jamison, Lelan Ray	Morgantown	Fr., A. B.
Jamison, Nellie Margaret	Morgantown	Sen., B. S. Ed.
Jarrett, Joe Nelson	Charleston	Fr., A. B.
Jarvis, Myrtle	Grantsville	Soph.. A. B.
Jarvis, Una Lee	Grantsville	Sen., B S. H. E.
Jasper, Margaret Virginia	Glen Jean	Jun., A B.
Jasper, Marian	Glen Jean	Jun., A. B.
Jefferys, Nina Lucille	Belington	Jun., A. B.
Jeffries, John Wellington	Morgantown	Soph., A. B.
Jemison, Karl Ankrom	Middlebourne	Soph., A. B.
Jenokes, Josephine Harris	Wheeling	Jun., A. B.
Jenkins, Edna Elaine	Uniontown, Pa.	Jun., B. S. Ed.
Jenkins, Edward David	Morgantown	Spec., A. & S.
Jenkins, Harold O.	Clarksburg	Summer School
Jenkins, Lula Merrill	Morgantown	Grad., English.
Jenkins, Orville Lee	Morgantown	Fr., B. S. Phys. Ed.
Jennings, Jack Dowell	Buckhannon	3rd Yr. Law
Jester, Jane	New Cumberland	Jun., B. S. Phys. Ed.
Jester, Mary Louise	New Cumberland	Fr., A. B.
John, Bernard Thomas	Uniontown, Pa.	Jun., A. B.

Johnson, Bertha	Parkersburg	Fr., A. B.
Johnson, Charles Carl	Morgantown	Jun., A. B.
Johnson, David Dale	Morgantown	Soph., A. B.
Johnson, Edwin Roy	Charleston	Soph., A. B.
Johnson, George Laughlin	Wheeling	Spec., Grad.,
Johnson, Helen Marguerite	Morgantown	Soph., A. B.
Johnson, James Vance	Buckhannon	Jun., A. B.
Johnson, Katharine Plummer	Morgantown	Fr., A. B.
Johnson, Lillian Posten	Morgantown	Spec., Grad.
Johnson, Mary Elizabeth	Claysville, Pa.	Fr., A. B.
Johnson, Moselle	Fairmont	Sen., B. S. Ed.
Johnson, Oliver William	West Alexander, Pa.	Soph., B. S. Agr.
Johnson, Ruth Mabel	Morgantown	Fr., B. S. H. E.
Johnson, Thomas Hoskins	Wheeling	2nd Yr. Law
Johnston, Frank Karl	Hillsboro	Grad., Education
Johnston, Joseph Feighner	Morgantown	Soph., B. S. Phys. Ed.
Johnston, Olive M.	Morgantown	Grad., English
Johnston, Walter Broughton	Princeton	3rd Yr. Law
Jolliffe, Florence Mae	Morgantown	Jun., A. B.
Jones, Clarence Ray	Morgantown	Soph., B. S. Ch. E.
Jones, Delmas Bernard	Moundsville	Jun., A. B.
Jones, Edith Zerna	Mount Nebo	Sen.. A. B.
Jones, Emory Ellsworth	Mount Hope	Jun., A. B.
Jones, Gladys Brown	West Union	Grad., History
Jones, John Oldham	West Alexander, Pa.	Fr., A. B.
Jones, Leoda	Elkins	Fr., B. S. H. E.
Jones, Lloyd Meredith	Morgantown	Grad., Education
Jones, Mae	McMechen	Grad., English
Jones, Ollie Page	Kitzmiller, Md.	Grad., Education
Jones, Orren Lee	Sistersville	Jun., A. B.
Jones, Ralph, Jr.	Bridgeport	Sen., A. B.
Jones, Theresa Dower	Morgantown	Grad., Education
Jones, Willis Lyle	Bridgeport	3rd Yr. Law
Jordon, Jeanette	Richwood	Sen., B. S. H. E.
Joseph, Gene Bauer	Morgantown	Jun., B. S Agr.
Joseph, Margaret Cecilia	Shinnston	Soph., B. S. H. E.
Joseph, Nime Kareem	Wheeling	Soph., A. B.
Judy, Alta Frances	Morgantown	Soph., A. B.
Judy, Marguerite Kerran	Peru	Jun., B. S. H. E.
Judy, John D.	Peru	Jun., A. B.
Juszczyk, Frank Stanley	Weirton	Fr., A. B.
Kahn, Emanuel	Morgantown	Jun., A. B.
Kahn, Goldie	Morgantown	Soph , B. S. Phys. Ed.
Kaltenbach, William Charles	Elm Grove	Fr., A. B.
Kaplus, Mac Albert	Verona, N. J.	3rd Yr. Law
Kapner, Myron Thomas	Wheeling	Fr., A. B.
Karr, William Morrison	Ripley	Jun., A. B.
Kayuha, Joseph	Triadelphia	Sen., B. S. E. E.
Kean, James Samuel	Charleston	Fr., A. B.
Kearns, William Paul, Jr.	Elbert	Fr., A. B.
Keck, Arlice Vera	Core	Jun., B. S. Ed.
Keck, Kathryn Elizabeth	Morgantown	Fr., B. S. Phys. Ed.
Keck, Winona Helen	Core	Jun., B. S. Ed.
Keener, Virginia Hampton	Bergoo	Fr., A. B.
Keller, Arnold Louis	Elyria, Ohio	Grad., Horticulture
Keller, Ben DeForrest	Charleston	Fr., B. S. M. E.
Kelly, Gilmore E.	Huntington	Fr., A. B.

Kelly, Preston Henderson	Montgomery	1st Yr. Pharm.
Kelly, Ruth Elizabeth	Wheeling	Fr., A. B.
Kelly, Virginia Laura	Oceana	Jun., B. S. Phys. Ed.
Kelmenson, Harry	Marlinton	Fr., A. B.
Kemena, Ernest F., Jr.	Ambridge, Pa.	Soph., A. B.
Kemper, Pearl Maurine	Lost Creek	Grad., English
Kemple, John William	Wheeling	Soph., A. B.
Kennedy, Charles H.	Elkview	Grad., English
Kennedy, Duncan C., Jr.	Charleston	Sen., B. S. E. E.
Kennedy, Frank Price	Morgantown	Soph., A. B.
Kennedy, Melba Alyce	Morgantown	Jun., B. S. Phys. Ed.
Kennedy, Paul Miller	Blaine	Jun., A. B.
Kennell, Richard	Morgantown	Fr., B. S. C. E.
Kent, Jean Annette	Jerome, Pa.	Soph., A. B.
Kerns, Robert C.	Connellsville, Pa.	Fr., A. B.
Kerns, Thomas E.	Connellsville, Pa.	Soph., A. B.
Kerr, Edward Niebur	Wheeling	Soph., A. B.
Kerr, Kenneth D.	Hundred	Fr., B. S. Ind. Ed.
Kerr, Vaughn Willhide	Grafton	Jun., B. S. M. E.
Kessel, Velma	Ripley	Grad., Education
Kessler, Hershel Sonier	Wheeling	Jun., B. S. Ind. Ed.
Kessler, John Kent	Weston	Fr., A. B.
Kessler, Lilly	Elkins	Jun., B. S. Ed.
Kessler, Robert Jennings	Oak Hill	Soph., A. B.
Kester, Vivian	Clarksburg	Sen., B. S. Ed.
Keys, Frank G.	Middlebourne	Grad., History
Keys, Willis Gordon	Middlebourne	Spec., Grad.
Keys, Nathaniel	Philadelphia, Pa.	2nd Yr. Med.
Kibbee, Ernest Bliss	Morgantown	Sen., A. B.
Kielsmeier, Calvin Edward	Cleveland, Ohio	2nd Yr. Med.
Kiester, John H.	Saint Marys	3rd Yr. Pharm.
Kiger, Marvin Ralph	Morgantown	1st Yr. Law
Kime, Edward Blaine	Moundsville	Jun., B. S. E. M.
Kincaid, Martha Elma	Morgantown	Grad., History
Kinder, Robert Alfred	Hollidays Cove	Soph., B. S. M. E.
King, Edwin D.	Morgantown	Fr., A. B.
King, Grace Yoak	Rivesville	Grad., Sociology
King, Harry Hayhurst	Morgantown	Fr., A. B.
King, Helen Louise	Morgantown	Soph., A. B.
King, James Madison	Wheeling	Fr., A. B.
King, John Roger	Hornell, N. Y.	Soph., A. B.
King, Lucy Elizabeth	Kansas City, Mo.	Summer School
King, Marjorie Adair	Morgantown	Sen., A. B.
King, Mary Belle	Morgantown	Fr., B. S. Phys. Ed.
King, Maxine Kathran	Huntington	Sen., B. S. H. E.
King, Paul Z.	Ann Arbor, Mich.	1st Yr. Med.
Kinney, Grace	Ida May	Grad., English
Kirby, Janet	Charleston	Sen., B. S. H. E.
Kirk, Dora	Kermit	Grad., English
Kirwin, Lawrence Patrick	Charleston	Sen., B. S. E. E.
Kish, Louis	Montcoal	Summer School
Kisner, Mary Hood	Morgantown	Soph., A. B.
Kitchen, Andrew	Huntington	Fr., A. B.
Kite, Ruth Virginia	Morgantown	Spec., Phys. Ed.
Kizer, John Oscar	Wheeling	Soph., A. B.
Klein, Jules Isaac	Morgantown	Soph., A. B.
Klett, Eleanor Virginia	Wheeling	Summer School

Klinger, Earl W.	Morgantown	Sen., B.S.(Eng'g. Electives)
Klug, Francis Joseph	Proctor	Soph., A. B.
Klug, William Harry	Gary, Ind.	Soph., B. S. Phys. Ed.
Klyza, Stanley James	Clarksburg	Soph., A. B.
Knapp, Ruth Berkley	Morgantown	Grad., Home Economics
Knee, Hugh Robberts	Morgantown	Jun., A. B.
*Knight, Margaret Brady	Huntington	Grad., History
Knight, Marion Eugene	Moundsville	Grad., Education
Knotts, Edwin R.	Grafton	Sen., B. S. Ed.
Knotts, Helen Elizabeth	Rowlesburg	Fr., B. S. Phys. Ed.
Knotts, Ronald Lawrence	Grafton	Sen., A. B.
Koch, Roy	Grafton	Sen., B. S. C. E.
Koons, Agnes Vera	Greensburg, Pa.	Jun., A. B.
Koontz, Clarence John	Elkins	2nd Yr. Law
Koontz, Thomas David	Clendenin	Jun., A. B.
Kopko, John Walter	Weirton	Fr., A. B.
Kopp, Robert Andrew	Huntington	Sen., A. B.
Koslow, Lillian Sylvia	Northfork	Fr., A. B.
Kossuth, Louis Carper	Elm Grove	Fr., A. B.
Kovich, Joe Anderson	Lorado	Soph., B. S. C. E.
Kovar, Dan Rada	Uniontown, Pa.	Grad., History
Kraft, William Herbert	Sharon	Soph., A. B.
Kramer, Allen M.	Morgantown	Soph., A. B.
Kramer, Henry Matthew	Parkersburg	2nd Yr. Pharm.
Kramer, Violet Hall	Morgantown	Spec., Phys. Ed.
Kranaskas, Anthony J.	Thomas	Sen., B. S. C. E.
Kranaskas, Cecelia	Thomas	1st Yr. Med.
Kranaskas, John Leonard	Thomas	Grad., Education
Krause, Arthur Eugene	Petersburg	Grad., Psychology
Kreger, Elizabeth Lee	Monessen, Pa.	Fr., B. S. H. E.
Kreglow, Alan Frank	Martinsburg	2nd Yr. Med.
Kroll, Milton	Paterson, N. J.	Fr., A. B.
Krug, Mary	Sistersville	Fr., B. S. H. E.
Kuhary, Ernest Frank	Freeman	Soph., B. S. E. M.
Kuhn, Ernest Guy	Grafton	Grad., Education
Kuhn, Russell Clifford, Jr.	Morgantown	Fr., B. S. C. E.
Kumm, Helen Marguerite	Durbin	Jun., B. S. Ed.
Kump, Frances Irvine	Elkins	Grad., Mathematics
Kunzenbacher, Joseph John	Irvington, N. J.	Fr., A. B.
Kutz, Harry C.	Nallen	Soph., B. S. Ch. E.
Kuykendahl, Joseph Pancake	Romney	Jun., B. S. Agr.
Kuykendall, Susan Parsons	Romney	Soph., A. B.
Kwass, Meyer	Bluefield	Jun., A. B.
Kyle, John Walter	Princeton	Fr., B. S. E. E.
Kyle, Mary Hare	Morgantown	Grad., Botany
Kyle, Oliver Riggs	Elkins	Grad., Education
LaFollette, James Anderson	Charleston	2nd Yr. Law
Laing, William Buster	Lewisburg	Soph., B. S. E. M.
Laishley, George Allen	Morgantown	Fr., B. S. E. E.
Laishley, Virginia May	Morgantown	Jun., B. Mus.
Lake, Helen V.	Fairmont	Sen., B. S. Ed.
Lamanca, John	Bluefield	2nd Yr. Pharm.
Lambert, George Phillip	Bluefield	Fr., A. B.
Lambert, James Kenton	Parsons	Jun., A. B.
Lambert, James Scott	Crumpler	Fr., B. S. E. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Lambert, Wintford	Peterstown	Grad., Agriculture
Lambie, Robert A.	Charleston	Fr., A. B.
Land, James	Morgantown	Fr., B. S. C. E.
Landis, Elizabeth	Fairmont	Music
Landmesser, Helen Virginia	Morgantown	Fr., A. B.
Landron, Daniel	Cayey, P. R.	1st Yr. Med.
Lang, James Hamilton	Bridgeport	Soph., B. S. C. E.
Lang, Virginia Nelle	Morgantown	Fr., B. S. H. E.
Langley, Donald Joseph	Uniontown, Pa.	Fr., B. S. Ind. Ed.
Lanham, Frankie Lee	Pennsboro	Sen., B. S. Ed.
Lantz, J. Marie	Pennsboro	Soph., A. B.
Lantz, Lewis Edwin, Jr.	Jacksonburg	Soph., B. S. E. E.
Lantz, Sarah Louise	Morgantown	Grad., French
Lardin, Fred Raymond, Jr.	New Kensington, Pa.	Sen., A. B.
Largent, Harry William	Morgantown	2nd Yr. Law
Larson, Bror E.	Mexico, N. Y.	Fr., A. B.
LaRue, Russell George	Wheeling	Sen., A. B.
Lash, Viola Belle	Buckhannon	Sen., A. B.
Latham, Robert Spalding	Buckhannon	Sen., A. B.
Lawler, Beulah Grayce	Lumberport	Soph., A. B.
Lawrence, Faith	Morgantown	Grad., English.
Lawson, Helen Frances	Grafton	Soph., A. B.
Layman, Harold Howard	Morgantown	Sen., A. B.
Layman, Madalyn	Fairmont	Jun., B. S. Phys. Ed.
Lea, Ellis	Charleston	Fr., A. B.
Leach, Emma H.	Morgantown	Grad., Education
LeChien, Cecilia Aileen	South Charleston	1st Yr. Pharm.
Ledoux, Clarence W.	Clarksburg	Soph., A. B.
Lee, Estous	Clarksburg	Jun., A. B.
Lee, Frank S.	Hononlulu, T. H.	Jun., A. B.
Lee, Mary	Wheeling	Grad., Education
Lee, Thomas William	Holden	Soph., B. S. Ch. E.
Leedy, Howard Massey	Powhatan	Jun., B. S. Ed.
Leeper, Harry Thomas	Monongah	Grad., Psychology
Leeson, Lawrence Raymond	Ravenswood	1st Yr. Med.
Lefevre, George Frank	Point Marion, Pa.	Jun., B. S. E. E.
Leinwand, Irving	New York, N. Y.	Jun., A. B.
Leiphart, Charles David	Wheeling	Soph., B. S. Ch. E.
Lemasters, Herman Ray	Clarksburg	Fr., A. B.
Lemley, Grace E.	Morgantown	Sen., A. B.
Lemley, Katherine Dalyrample	Morgantown	Soph., A. B.
Lemley, Violet Edith	Morgantown	Jun., A. B.
Lent, James Webster	Westfield, N. J.	2nd Yr. Med.
LePera, Mary	Morgantown	Grad., Education
LeRoy, George Veach	Pittsburgh, Pa.	2nd Yr. Med.
Levensohn, Herman Bijou	New York, N. Y.	Sen., A. B.
Levine, Alexander	Schenectady, N. Y.	Fr., A. B.
Levine, Bernard	New York, N. Y.	1st Yr. Med.
Lewellyn, Gerald Arthur	Morgantown	Soph., B. Mus.
Lewis, Albert Kyle	Grant Town	2nd Yr. Pharm.
Lewis, Isaac	Newlonton	Sen., B. S. Phys. Ed.
Lewis, Kathleen Adalee	Fayetteville	Fr., A. B.
Lewis, Margaret Jane	Fayetteville	Fr., A. B.
Lewis, Martha Jane	Morgantown	Sen., B. Mus.
Lewis, Mary Lorrayne	Newburg	Sen., A. B.
Lewis, Mary Margery	Fairmont	Sen., A. B.
Lewis, Thomas Watson	Kingwood	Fr., A. B.
Lewis, Virginia Claiborne	Davis	Grad., Education

Lewis, William David	Wheeling	Fr., A. B.
Lichliter, Heil Henderson	Salisbury, Pa.	Sen., A. B.
Lieberman, Benjamin	Huntington	Summer School
Lienau, Carl Christian	Morgantown	Grad., Electrical Eng'g.
Lighthiser, Orville J.	Follansbee	2nd Yr. Med.
Liller, Catherine Troxelle	Keyser	Grad., French
Lilly, Eva M.	Glen Hedrick	Grad., English
Lilly, Felix Abraham	Charleston	Soph., A. B.
Lilly, Kenneth O.	Glen Hedrick	Spec., A. & S.
Lilly, Virgil Greene	Morgantown	Grad., Chemistry
Limback, William Vernon	Newark, N. J.	Fr., A. B.
Limerick, Ida Fitzhugh	Morgantown	Sen., B. S. H. E.
Linderman, Eunice	Morgantown	Sen., B. S. Phys. Ed.
Linderman, Marjorie	Morgantown	Grad., Education
Lindley, Edna Jane	Montgomery	Sen., A. B.
Lingar, Ailon Buford	Wharton	Fr., A. B.
Linger, Paul N.	Morgantown	Soph., B. S. Ch. E.
Linger, Virginia M.	Clarksburg	Jun., A. B.
Lipphardt, Jack William	Wheeling	Soph., B. S. Ch. E.
Little, Virginia Orr	Parsons	Fr., A. B.
Lively, Thomas Henry	Hinton	Fr., B. S. E. E.
Livesay, Clarie	Morgantown	Summer School
Llewellyn, Marion	Morgantown	Jun., A. B.
Locker, Harold Vernon	Parkersburg	Sen., B. S. E. E.
Lockhart, Basil Gordon	McMechen	Grad., History
Lockhart, Frances Miriam	Wheeling	Sen., A. B.
Loehr, Margaret Kathryn	New Martinsville	Fr., B. S. Phys. Ed.
Long, Cloyd Darl	Fairmont	Grad., Education
Long, Dora Marie	Clarksburg	Sen., A. B.
Long, Frankie Harriett	Elkins	Sen., A. B.
Long, J. Everett	Morgantown	Grad., Political Science
Long, Pauline McCauley	Scarbro	Jun., B. S. Ed.
Long, Virginia Josephine	Littleton	Jun., A. B.
Longanecker, Charles Paul	Morgantown	Soph., B. S. Phys. Ed.
Longanecker, Edwin Snyder	Glen Hedrick	Grad., History
Lorant, Jules Arthur	Morgantown	Jun., B. S. Ch. E.
Lord, Esther Angelia	Fairmont	Grad., Education
Loria, Harry Anthony	Spelter	Fr., B. S. M. E.
Loucas, George Emanuel	Weirton	3rd Yr. Law
Loudin, Howard Morton	Middlebourne	Grad., Education
Lough, Beatrice Janet	Morgantown	Sen., B. Mus.
Lough, Dana Glenn	Point Marion, Pa.	Grad., Education
Lough, Donald Herod	Morgantown	Jun., A. B.
Lough, Frank Martin	Morgantown	Sen., B. S. Phys. Ed.
Lough, Geraldine Jarrett	Morgantown	Jun., B. S. H. E.
Lowe, John Moore	Morgantown	Grad., Agriculture
Lough, Katharine Irene	Morgantown	Sen., B. Mus.
Love, John Alastair	Moorefield	2nd Yr. Med.
Love, Francis Johnson	Wheeling	3rd Yr. Law
Love, James Sereno	Morgantown	Sen., A. B.
Love, Ronald Walker	Moorefield	Soph., A. B.
Love, Ruth Pearle	Morgantown	Spec., A. & S.
*Lovenstein, Leonidas King	Saint Albans	Grad., Education
Lovett, Lane P.	Morgantown	Soph., B. S. E. E.
Loving, Frances S.	Morgantown	Soph., A. B.
Lovitch, Clarence	Williamson	Jun., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Lowe, Beverly	Charleston	Fr., A. B.
Lowe, Eleanor Hays	Parkersburg	Fr., A. B.
Lowe, Hugh Dickson	McComas	Sen., B. S. E. M.
*Lowe, Jonathan V.	Milton	Grad., Mathematics
Lowe, Opie Clarence	Walton	Fr., B. S. Agr.
Lowe, Robert Wertz	Fairmont	1st Yr. Law
Loy, Edward June	Augusta	Sen., A. B.
Loy, Louise Saunders	Morgantown	Soph., A. B.
Lucas, Basil H., Jr.	Shinnston	Soph., A. B.
Lucas, Chester Weaver	Morgantown	Fr., B. S. Ch. E.
Lucas, Gertrude Armstrong	Morgantown	Fr., A. B.
Ludwig, Edythe Rose	Morgantown	Spec., Phys. Ed.
Lusebrink, Dorothy Ethel	Morgantown	Fr., B. S. H. E.
Lusebrink, Mildred Elizabeth	Morgantown	Fr., A. B.
Lyall, Louise Bolton	Morgantown	Grad., Education
Lycan, Isabelle	Fort Gay	Grad., Potany
Lynch, Charles Scott	Glenville	Grad., Chemistry
Lynch, Harold Parker	Keyser	Sen., B. S. Ed.
Lynch, Louise	Hinton	Jun., B. S. Ed.
Lynch, Mary Virginia	Wheeling	Fr., A. B.
Lynch, Nellie Virginia	Grafton	Sen., A. B.
Lynch, Sylva Virginia	Morgantown	Jun., B. S. Ed.
Lyons, Omer Raymond	Point Marion, Pa.	Jun., B. S. Ind. Ed.
Lyons, Vondal Dennis	Nitro	3rd Yr. Pharm.
Lyons, Wilbur Taylor, Jr.	Irvington, N. J.	Soph., B. S. E. M.
McBee, Alfred Roy	Flemington	Grad., Economics
McBride, Betty	Saint Marys	Fr., B. S. Phys. Ed.
McBride, Clara Geraldine	Saint Marys	Grad., English.
McCall, Martha Millicent	Follansbee	Summer School
McCall, Robert George	Follansbee	Fr., B. S. C. E.
McCandless, Donald	Fairmont	Soph., B. S. Phys. Ed.
McCann, Joseph Carl	Charleston	Soph., B. S. Ch. E.
McCaskey, Ambrose E., Jr.	New Martinsville	Sen., B. S. C. E.
McCaskey, Kenneth Norman	New Martinsville	Fr., A. B.
McClaugherty, Bernard	Bluefield	3rd Yr. Law
McClaugherty, Jack	Bluefield	1st Yr. Law
McClay, Francis Bender	Charleston	Fr., B. S. M. E.
McClellan, Gilmer Odell	Branchland	Jun., A. B.
McClelland, Clarence Allen	Hundred	Grad., Education
McClintic, Laura Bymer	Lewisburg	Sen., A. B.
*McClintic, Rachel Bell	Frankford	Grad., History
McClung, Delphy L.	Fayetteville	Music
McClung, Eva Justeen	Reedy	Grad., History
McClung, Harold Gorden	Morgantown	Soph., A. B.
McClung, Helen G.	Reedy	Jun., A. B.
McClung, Holden	Hico	Fr., A. B.
McClung, James Edward	Richwood	Fr., A. B.
McClure, Marian Innes	Charleston	Soph., A. B.
McClure, Robert George	Charleston	Fr., B. S. E. M.
McCollum, Louise Katherine	Saint Marys	Fr., B. S. Phys. Ed.
McConkey, Auren W.	Canton, Ohio	2nd Yr. Med.
McConkey, Fanny Craft	Morgantown	Soph., A. B.
McConkey, Gladys	Copen	Sen., B. S. H. E.
McCormick, Charles John	Parkersburg	Sen., B. S. E. E.
McCoy, Charles W.	Fairmont	Sen., B. S. Ed.
McCoy, Dorothy	Sistersville	Sen., A. B.

*Enrolled In Graduate Courses conducted at Marshall College, Summer, 1931.

McCoy, Elizabeth Barbara	Belington	Jun., A. B.
McCoy, Joseph Hanford	Sistersville	Soph., B. S. E. M.
McCoy, Katherine Wells	Sistersville	Fr., A. B.
McCoy, Paul Wells	Sistersville	Fr., A. B.
McCoy, Robert F.	Peterstown	Grad., Chemistry
McCue, Alan McLain	Clarksburg	Fr., A. B.
McCue, Roy R.	Weston	Jun., B. S. E. E.
McCue, William Price	Morgantown	Sen., B. S. Ch. E.
McCulla, William Burgit	Wheeling	Jun., B. S. M. E.
McCulla, Jenkins, Nell Louise	Morgantown	Fr., A. B.
McDaniel, Mary Ruth	Spelter	Jun., A. B.
McDaniel, Nell Rae	Cabin Creek	Sen., B. S. Phys. Ed.
McDermott, Bernard Joseph, Jr.	Morgantown	Soph., A. B.
McDonald, Denna	Morgantown	Spec., Grad.
McDonald, Mae	Bridgeport	Soph., B. S. Phys. Ed.
McDonald, Romeo Tell	Grantsville	Fr., B. S. Phys. Ed.
McDonald, Violet Marie	Bridgeport	Grad., Home Economics
McDonnell, William James, Jr.	Morgantown	Soph., A. B.
McDougle, Harold Eugene	Parkersburg	Fr., B. S. Ch. E.
McDowell, Ira Lynn	Davis	Grad., Economics
McElroy, Kathryn	Fairview	Jun., B. Mus.
McGarvey, Myron Loring	Bridgeville, Pa.	1st Yr. Med.
McGaw, Georgeanna Robbins	Morgantown	Spec., A. & S.
McGeever, Margaret Marie	Homestead, Pa.	Jun., B. S. Ed.
McGinnis, Mary E.	Wellsburg	Sen., B. S. Ed.
McGraw, Elmer	Follansbee	Fr., A. B.
McGregor, Bernard Ronald	Parkersburg	Fr., B. Mus.
McGuffie, Harriett Jeannette	Morgantown	Grad., English
McGuire, Murry Goff	Charleston	Fr., A. B.
McHale, Edward William	Morgantown	Jun., A. B.
McHenry, Charles Ross	Parkersburg	Grad., Phys. Ed.
McHenry, Lulu B.	Parkersburg	Summer School
McIntire, Thorton Stallings	Morgantown	Fr., A. B.
McKain, Mary Jane	Fairmont	Sen., B. S. H. E.
McKee, Alice J.	Morgantown	Music
McKee, Florence Melva	Triadelphia	Jun., B. S. Ed.
McKee, James Earl	Cameron	Summer School
McKee, Kirkland Shepherd	Elkins	Grad., Education
McKeever, Kermit	Frankford	Soph., A. B.
McKeever, Vincent	Frankford	Fr., B. S. C. E.
McKinley, George William	Clarksburg	Jun., B. S. M. E.
McKinley, James Floris	Clarksburg	Fr., A. B.
McKlveen, Paul C.	Davis	Soph., B. S. C. E.
*McKown, Charles Henry	Wayne	Grad., History
McLane, Charles Phillips	Fairmont	Fr., A. B.
McLaughlin, Doris Lee	Monongah	Sen , B. Mus.
McLaughlin, Ione McCoy	Wire Bridge	Summer School
McLaughlin, Vida L.	Morgantown	Grad., History
McMahon, Anna	Wheeling	Jun., B. S. Ed.
McMasters, Maxine	Morgantown	Summer School
McMillan, Elbert Clare	Ursina, Pa.	Soph., B. S. E. E.
McMillan, George John	Oakfield, N. Y.	Fr., A. B.
McMillen, Edith Protzman	Morgantown	Spec., A. & S.
McMillen, Harold Luther	Masontown	Jun., A. B.
McMillen, Pauline	Morgantown	Grad., English
McMillen, Sherrill Dwight	Masontown	Sen., B. S. Agr.
McMillion, Edith A. Boone	Lewisburg	4th Yr. Phrm.

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McMillion, Willie Carl	Lewisburg	Jun., B. S. E. E.
McNamara, Richard Garrett	Wheeling	4th Yr. Pharm.
McNeer, Mary McKendree	Alderson	Jun., A. B.
McNeer, Mattie Shipley	Alderson	Grad., Education
McNeill, Ellis Meade	Athens	Grad., Botany
McNutt, James Powell	Clarksburg	Grad., Phys. Ed.
McParland, Rose	Wheeling	Sen., B. S. Ed.
McPhail, Hugh R.	Grafton	Soph., A. B.
McPheeters, Harold	Clearco	Soph., B. S. Ch. E.
McQuain, George William	Troy	2nd Yr. Law
McQuillan, Lavinia	Follansbee	Grad., History
McQuinn, Marian Plymale	Huntington	Summer School
McQuiston, Hilda Oevermann	Morgantown	Sen., A. B.
McWhorter, James Alessandro	Charleston	3id Yr. Law
McWhorter, John P.	McWhorter	Jun., B. S. M. E.
McWhorter, John Scott, Jr.	Lewisburg	2nd Yr. Law
McWhorter, William Paul	Buckhannon	1st Yr. Law
Mackey, Melvin L.	Cameron	Grad., Education
Maclin, Luttrell	Morgantown	Soph., A. B.
Mac Millan, Anne Smith	Scottsville, N. Y.	Sen., A. B.
Madden, Rose Mary	Wheeling	Jun., A. B.
Maddy, Irvin Stanford	Marie	Grad., Education
Maddy, John Wilson	Talcott	Soph., A. B.
Madera, Bertha Thistle	Morgantown	Summer School
Madera, Emil	Morgantown	Music
Maderia, Frances	Morgantown	Sen., B. S. H. E.
Madigan, Mary Elizabeth	New Martinsville	Jun., B. S. H. E.
Mahaney, Earl Wesley	Cumberland, Md.	Fr., B. S. Ch. E.
Mahanna, Donald Luther	Parkersburg	Sen., A. B.
Mahanna, Robert Guy	Parkersburg	Fr., B. S. M. E.
Mahl, Toivo John	Weirton	Sen., A. B.
Malesky, Joseph Stanley	Morgantown	Sen., B. S. E. M.
Mallamo, Joseph Thomas	Fairmont	2nd Yr. Med.
Malone, Ernest Adam, Jr.	Weston	Fr., A. B.
Malone, Lee Frederic	Morgantown	3rd Yr. Law
Mamin, Harry	Elkins	Fr., A. B.
Manion, Thomas Francis	Wheeling	Sen., B. S. E. E.
Mankin, Warren Ward	Beckley	Fr., B. S. E. E.
Mankoff, Louis Marvin	Williamson	Sen., A. B.
Manley, Regina	Wheeling	Grad., Education
Mann, A. Mason	Elkview	Grad, Education
Mann, George Lloyd	Clarksburg	Fr., B. S. Ch. E.
Manning, Charles William	Moundsville	Soph., A. B.
Manuel Marvin Ira	Charleston	1st Yr. Law
Maple, Charles Francis	Follansbee	Fr., B. S. C. E.
Margolis, Samuel Lewis	Beverly, Mass.	Soph., A. B.
Margueles, Louis	Ozone Park, N. Y.	Fr., A. B.
Mark, Robert Klectner	Blacksville	Fr., B. S. Ch. E.
Marker, Harry J.	Ligonier, Pa.	Jun., A. B.
Markey, Vincent John	McMechen	Fr., B. S. M. E.
Markley, Hollis Wisman	Morgantown	Soph., B. S. E. E.
Markley, Vivian Ruth	Atwater, Ohio	Summer School
Markwood, William Henry, Jr.	Keyser	Jun., A. B.
Marques, August Anthony	New York, N. Y.	Sen., B. S. Phys. Ed.
Marsh, Ethel Margaret	Wheeling	Jun., A. B.
Marshall, Alice Elizabeth	Morgantown	Fr., B. S. Phys. Ed.
Marshall, Ronald	Wheeling	Soph., B. S. E. E.
Martin, Carolyn Alcott	Morgantown	Grad., Botany

Martin, Chester W.	Lumberport	Grad., Education
Martin, Daisy Pearl	Montrose	Soph., A. B.
Martin, Earl Howard	Morgantown	Soph., B. S. C. E.
Martin, Faye Lewis	Morgantown	Fr., B. Mus.
Martin, Fred Harrison	Bridgeport	Jun., B. S. Ch. E.
Martin, Gilbert Adrian	Watson	Grad., Education
*Martin, Harry Milton	Clendenin	Grad., Education
Martin, Heyward Erington	Morgantown	Jun., A. B.
Martin, Howard Garrison	Morgantown	Summer School
Martin, Kenneth C.	Wheeling	Soph., B. S. Ch. E.
Martin, Mabel Virginia	Albright	Jun., A. B.
Martin, M. Jean	Elkins	Sen., B. Mus.
Martin, Mary Broughton	Clarksburg	Soph., A. B.
Martin, Mary E.	Saint Marys	Grad., Botany
Martin, Mary Margaret	Clarksburg	Soph., B. Mus.
Martin, Meredith A.	Morgantown	Jun., A. B.
Martin, Miles Herbert	Glasgow	Jun., B. S. C. E.
Martin, Orval Cloves	Montrose	Grad., History
Martin, Richard Robert	Wilmerding, Pa.	Jun., A. B.
Martin, Ruby Jayne	Romney	Soph., A. B.
Martin, Thelma Carmen	Morgantown	Soph., A. B.
Martin, Thelma Elaine	Morgantown	Fr., A. B.
Martin, Wayne S.	Morgantown	Sen., B. S. Ind. Ed.
Martin, William P.	Morgantown	3rd Yr. Law
Mascioli, Loreto Victor	Morgantown	Fr., A. B.
Mascioli, Philip Anthony	Morgantown	Fr., A. B.
Mason, Bonnie Evans	Morgantown	Jun., B. S. Ed.
Mason, Ruth	Meyersdale, Pa.	Jun., B. S. Phys. Ed.
Mason, Troxell Olin	Cairo	Fr., B. S. C. E.
Mason, William Carl	Ravenswood	Jun., A. B.
Matheny, Gwendolyn Elolse	Parkersburg	Grad., French
Mathes, Thomas Mairs	Charleston	Fr., A. B.
Mathews, Lena May	Morgantown	Sen., A. B.
Mathews, Sue	Grantsville	Spec., Grad.
Mathias, John Allen	Moorefield	Jun., B. S. Agr.
Matson, Frank Lloyd	Wellsburg	Soph., A. B.
Matthews, Gladys Mae	Kimball	Soph., A. B.
Mattson, Ellen Anna	Morgantown	Grad., French
Matusiewski, John Philllip	Hempstead, N. Y.	Jun., A. B.
Mau, Carl Edward	Forty Fort, Pa.	Fr., A. B.
Maurer, Robert Daniel	Uhrichsville, Ohio	Summer School
Maust, Arthur Allen	Morgantown	Grad., English
Maust, Grace Irene	Clifton Mills	Grad., English
Maxwell, Isaac Homer	Lost Creek	Fr., A. B.
Maxwell, Jean	Sistersville	Fr , A. B.
Maxwell, Mary A.	West Union	Fr., A. B.
Maxwell, Mary Elizabeth	Beckley	Soph., B. S. H. E.
May, Clarence Adam	Beard	Grad., Agriculture
May, George Elmer	Keyser:	Sen., A. B.
May, Homer H.	Salam	Grad., Zoology
May, Remus C.	Beard	Jun., B. S. Agr.
Mayer, Charles O.	Salem	1st Yr. Med.
Mayfield, Julia M.	Morgantown	Fr., A. B.
Mayfield, Mary Fon Elizabeth	Morgantown	Grad., French
Mayfield, Otto Wayne	Masontown	Soph., B. S. Agr.
Mayfield, Violet Leota	Morgantown	Fr., A. B.

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Mayne, Mabel De Lillian	Hundred	Grad., Botany
Mayola, Louis Vincent	Newburg	1st Yr. Law
Mazzei, James A.	Shinnston	Soph., A. B.
Mazzei, Joe William	Shinnston	Jun., A. B.
Meadows, Evelyn A.	Hinton	Sen., A. B.
Meanor, Elizabeth Ann	Charleston	Fr., A. B.
Means, Mark	Weston	Fr., B. S. Agr.
Medvin, Louis	Akron, Ohio	1st Yr. Med.
Meek, Elizabeth Anne	Wheeling	Soph., A. B.
Megibow, Harold	Grantwood, N. J.	Soph., A. B.
Megrail, Altai	Morgantown	Jun., B. S. H. E.
Mellott, Miller	Glen Easton	Jun., B. S. Ch. E.
Melnicoff, Benjamin Ivan	Morgantown	Grad., Poiltical Science
Melnicoff, Sideny Gene	Morgantown	Sen., A. B.
Mendez, Lolin	Caguas, P. R.	Fr., A. B.
Menear, Clarence Wade	Grafton	Sen., A. B.
Menefee, Emily	Morgantown	Grad., English
Menefee, Lawrence Venton	Morgantown	Fr., B. S. Agr.
Mentzer, Richard Lewis	Hillside, N. J.	Soph., B. S. E. M.
Mercer, John Robert	Moundsville	Sen., B. S. C. E.
Meredith, Marion	Fairmont	3rd Yr. Law
Meredith, Paul Edward	Meadowbrook	Grad., Education
Merendino, Salvatore Norman	Clarksburg	3rd Yr. Law
Merinar, Elmer Kirkwood	McMechen	Grad., Education
Merricks, Robert Lincoln	Charleston	Soph., A. B.
Merritt, Charles Marion	Morgantown	Fr., B. S. M. E.
Messmore, Lindsey Ellison	Brownsville, Pa.	Jun., B. S. E. E.
Metry, John Michael	Charleston	Fr., A. B.
Meyers, Paul Thomas	Confluence, Pa.	1st Yr. Med.
Michael, Edward Paul	Rachel	Grad., Education
Michael, Hartzel Andrew	Ruckman	Fr., B. S. E. E.
Michael, Richard Edward	Fairview, Pa.	Fr., A. B.
Michael, Vaughn	Morgantown	Jun., B. S. Agr.
Mickles, Frank Eston	Binghampton, N. Y.	Soph., A. B.
Milam, Marvin Carter	Sissonville	Summer School
Miles, Charles L.	Marlinton	Fr., B. S. Agr.
Millian, John Frederick	Littleton	Fr., B. S. M. E.
Millard, Jack Anderson	Morgantown	Soph., B. S. E. E.
Millender, Alfred Franklin	Weston	Grad., Agriculture
Miller, Billy Elsie	Farmington	Grad., Classics
Miller, Charles Emmert	Morgantown	Grad., Education
Miller, Earl Donald	Morgantown	Fr., A. B.
Miller, Elizabeth Little	Gerrardstown	Jun., B. Mus.
Miller, Espy, Wallace	Mill Creek	Fr., A. B.
Miller, Eugene Page	Berkeley Springs	Fr., A. B.
Miller, Evelyn Juanita	Grafton	Fr., B. S. Phys. Ed.
Miller, French Ronald	Morgantown	Jun., A. B.
Miller, Gonnt William, Jr.	Martinsburg	Jun., A. B.
Miller, Harriet Jane	Morgantown	Sen., B. S. H. E.
Miller, Howard Leroy	Fairmont	Fr., B. S. Phys. Ed.
Miller, Jake S.	Elkins	Grad., Phys. Ed.
Miller, Jean Ellen	Charleston	Soph., A. B.
*Miller, J. Pell	Huntington	Grad., Education
Miller, Kenneth Clarke	Follansbee	Jun., B. S. E. E.
Miller, Marjorie L.	Flatwoods	Jun., A. B.
Miller, Myrtle Mae	Fairmont	Grad., Education

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Miller, Nellie Marie	Tunnelton	Jun., A. B.
Miller, Paul Gilbert	Saint George	Soph., B. S. Agr.
Miller, Phyllis M.	Kingwood	Sen., A. B.
Miller, R. G.	Kingwood	Sen., A. B.
Miller, Ruth	Uniontown, Pa.	Jun., A. B.
Miller, Velma Walls	Morgantown	Fr., A. B.
Miller, Webster Earl	Terra Alta	Grad., Chemistry
Miller, William Blanchard	Fairmont	Fr., A. B.
Miller, William Joseph	Uniontown, Pa.	Jun., A. B.
Miller, William O.	Kingwood	Summer School
Mills, Juanita Margaret	Morgantown	Fr., A. B.
Mills, Laurence H.	Clarksburg	1st Yr. Med.
Minear, Kenneth Ward	Parsons	Sen., B. S. Agr.
Minnear, Thomas E., Jr.	Morgantown	Fr., A. B.
Minney, Cray W.	Lockney	Jun., B. S. Ind. Ed.
Minnich, Edgar Ray	Wellsburg	3rd Yr. Law
Minter, Ernest Clyde, Jr.	Beckley	Fr., A. B.
Mitchell, Carolyn Burton	Charleston	Soph., A. B.
Mitchell, Wanda Bly	Parkersburg	Sen., A. B.
Moats, Frank Charles	Morgantown	Soph., B. S. Ch. E.
Molenock, Anna	Uniontown, Pa.	Jun., A. B.
Molli, Patrick Joseph	Bellaire, Ohio	Fr., A. B.
Monack, Robert Eugene	Charleroi, Pa.	Sen., B. S. M. E.
Mong, Richard Grant	Erie, Pa.	Soph., A. B.
Monser, William Louis	Middlebourne	Soph., A. B.
Monteith, Victor St. Clair	Martinsburg	Jun., B. S. E. E.
Montgomery, Carl Francis	Mole Hill	Grad., Education
Montgomery, Leslie E.	Williamsburg	Grad., Agriculture
Montgomery, Marian Marsh	Mole Hill	Jun., A. B.
Montgomery, Mildred Thomas	Morgantown	Fr., B. S. Phys. Ed.
Montgomery, Roy K.	Tunnelton	Soph., B. S. E. E.
Moore, Bernard J.	Morgantown	1st Yr. Med.
Moore, Byron Wayne	Daybrook	Fr., B. S. Agr.
Moore, Earl N.	Morgantown	Grad., Poultry Husbandry
Moore, Elizabeth Lucinda	Elkins	Grad., English
Moore, Fredrica McDonald	West Alexander, Pa.	1st Yr. Law
Moore, George W.	Athens	Grad., Education
Moore, Harry Hale	Nitro	Fr., A. B.
Moore, James Bennett	Greensburg, Pa.	Fr., A. B.
Moore, Joe M.	Lewisburg	Grad., Education
Moore, John Mark	West Alexander, Pa.	Soph., A. B.
Moore, John Thurman	Charleston	Soph., A. B.
Moore, Leslie Darl	Mount Hope	Grad., Education
Moore, Lucille Holden	Wallace	Sen., B. Mus.
Moore, Mary Field	Morgantown	Spec., A. & S.
Moore, Mary	Ronceverte	Jun., B. S. Ed.
Moore, Mary Virginia	Fairmont	Sen., B. S. H. E.
Moore, Mary Virginia	Morgantown	Grad., Education
Moore, Richard Conway	Fairmont	3rd Yr. Law
Moore, Thomas Jefferson	Ronceverte	2nd Yr. Med.
Moore, Thomas Spencer	Charleston	Soph., A. B.
Moore, Virginia Miller	Elkins	Fr., A. B.
Moosey, Louis	Monongah	1st Yr. Med.
Morello, Alfred John	Morgantown	Sen., A. B.
Morgan, Elizabeth	Farmington	Sen., B. S. H. E.
Morgan, George, Jr.	Mannington	Fr., B. S. Ind. Ed.
Morgan, Harold Porter	Morgantown	Fr., B. S. C. E.
Morgan, Harvey	Panther	Jun., A. B.

Morgan, Ronald	Mount Pleasant, Pa.	Fr., B. S. Ch. E.
Morgan, Samuel Cree	Greensburg, Pa.	1st Yr. Med.
Moriarty, Mary Lucilla	Wheeling	Grad., Education
Morley, Wilmer Vernon	Mona	Jun., A. B.
Moroose, Tucker Rock	Fairmont	1st Yr. Law
Morris, Eunice Given	Morgantown	Spec., A. & S.
Morris, George William	Cabin Creek	2nd Yr. Law
Morris, James Lynn	Fairmont	Fr., A. B.
Morris, John Hite	Morgantown	Jun., B. S. C. E.
Morris, John Richard	Clarksburg	Soph., A. B.
Morris, Langdon Clayton	Kayford	Jun., A. B.
Morris, Lee McClure	Morgantown	Grad., Mining
Morris, Margaret Cale	Masontown	Jun., B. S. Ed.
Morris, Raymond Edward	Bridgeton, N. J.	Fr., A. B.
Morris, Robert Chesney	Fairmont	3rd Yr. Law
Morris, Wentworth S.	Morgantown	Fr., A. B.
Morrison, Charles Robert	Charleston	Soph., A. B.
Morrison, Dortha Berg	Charleston	Sen., A. B.
Morrison, Lewis French	Morgantown	Grad., Education
Morrison, Martha	Wilsonburg	Soph., A. B.
Morrison, Wilbur Cornell	Morgantown	Sen., B. S. Ind. Ed.
Morton, Nancy Ruth	Webster Springs	Summer School
Moser, Ila Frances	Morgantown	Soph., A. B.
Moss, Florence Holbert	Beckley	Soph., B. S. H. E.
Moss, George Hubert, Jr.	Beckley	Fr., B. S. Ch. E.
Mossburg, Lucy	Morgantown	Grad., Education
Mouser, Aude Switzer	Fairmont	Summer School
Moyer, Charles Mills	Pipersville, Pa.	Soph., A. B.
Moyer, William F.	Ellenboro	Jun., B. S. Ed.
Muffly, Mary Josephine	New Paltz, N. Y.	Grad., Education
Muhleman, Charles Eugene	Wheeling	Soph., A. B.
Muhleman, John Henry	New Martinsville	Fr., B. S. Ch. E.
Muir, Thomas Fitch	New York, N. Y.	1st Yr. Med.
Mulligan, Howard James	South Brownsville, Pa.	2nd Yr. Law
Mumford, Carolyne Brown	Morgantown	Spec., A. & S.
Munchmeyer, Robert	Washington	Jun., B. S. Agr.
Murdock, Evelyn Catherine	Morgantown	Music
Murphy, Alice Mahone	Runa	Summer School
Murphy, Irene Gertrude	Morgantown	Spec., A. & S.
Murphy, Ruth	Charleston	Sen., A. B.
Murphy, William Anthony	Wheeling	Fr., A. B.
Murray, Jean Miller	Grafton	Soph., B. S. Phys. Ed.
Murray, Sandy Mildred	Richwood	Jun., A. B.
Murray, William Allen	Grafton	Fr., B. S. M. E.
Murray, William Joseph	Wheeling	Jun., A. B.
Murrey, Gladys M.	Sistersville	Summer School
Musgrave, Paul N.	Fairmont	Grad., Entomology
Musgrave, Sally Lou	Point Pleasant	Soph., B. S. H. E.
Musgrove, William Donald	Fairmont	Grad., Chemical Eng'g.
Myers, Ada Olive	Grafton	Fr., A. B.
Myers, Alma Emma	Core	Grad., Chemistry
Myers, Bertha Vivian	Parsons	Jun., B. S. H. E.
Myers, Clarence E.	Wolf Summit	Grad., Education
Myers, Clayton	Richwood	Fr., B. S. Ch. E.
Myers, Ellen Lenore	Parkersburg	Jun., A. B.
Myers, Galen Sheets	Mount Pleasant, Pa.	Fr., B. S. Agr.
Myers, Howard Chester	Elkins	1st Yr. Law
Myers, Mildred Frances	New Martinsville	Grad., French

Myers, Reed Folk	Tunnelton	Grad., Education
Myers, Sarah Catharine	Core	Grad., English
Myers, Texa Louise	Waynesburg, Pa.	Soph., B. S. Phys. Ed.
Nach, Sara	Weirton	Fr., A. B.
Nager, Anthony Joseph	Wheeling	Soph., A. B.
Nale, Erma Mae	Morgantown	Fr., A. B.
Nale, Orpha Lucille	Morgantown	Grad., Education
Nash, Julian Westbrook	Clarksburg	Fr., B. S. Ch. E.
Nazario, Amadeo	Mayaguez, P. R.	Sen., A. B.
Neal, L. Esker	Huntington	2nd Yr. Med.
Neal, Louise	Alderson	Sen., B. S. H. E.
Neel, Leslie	Connellsville, Pa.	Fr., B. S. Ch. E.
Neely, Reva	Rivesville	Jun., B. S. H. E.
Neely, William Edward	Jane Lew	Soph., A. B.
Neff, Charles Thompson, Jr.	Morgantown	Grad., Political Science
Neff, Earl Milton	Slatington, Pa.	Sen., A. B.
Neff, Harold Hanna	Charleston	3rd Yr. Law
Neill, J. Donald	Cairo	Sen., A. B.
Neill, Louise	Cairo	Spec., Grad.
Nekoranec, Paul Lawrence	Morgantown	Jun., A. B.
Nelson, Albert W.	Turtle Creek	Grad., Education
Nelson, Carl H.	Clarksburg	Spec., Grad
Nelson, Harlan McKendra	Circleville	Sen., A. B.
Nelson, Mona	Turtle Creek	Fr., A. B.
Nemeth, Joseph	Osage	2nd Yr. Pharm.
Nesbitt, Mary Hannah	Wheeling	Fr., A. B.
Nesbitt, William John	Wheeling	Soph., B. S. C. E.
Nester, Hansford Dorsey	Ronceverte	1st Yr. Med.
Nester, Rosalind Baker	Ronceverte	Fr., A. B.
Nethken, Mary Helen	Newburg	Grad., English
Neuberger, Louis Hale	Weston	Jun., A. B.
Neuhard, George Henry	Elm Grove	Jun., B. S. Agr.
Newby, Rand	Pittsburgh, Pa.	Fr., B. S. M. E.
Newell, Carl F.	Elmira, N. Y.	Grad., Zoology
Newhouse, Esther Mary	Weston	Fr., A. B.
Newhouse, Henry Newman	East Lynn	1st Yr. Med.
Newill, W. Kenneth	Scottdale, Pa.	Summer School
Newlon, Mildred Elizabeth	Simpson	Grad., Education
Newman, Dorothy Hedges	Moundsville	Sen., A. B.
Newton, Richard	Morgantown	Grad., Chemical Eng'g.
Nicholson, Pauline	Elkins	Grad., Education
Niehaus, Andrew James	Wheeling	1st Yr. Med.
Niehaus, Edward Joseph	Wheeling	Sen., B. S. Ch. E.
Nine, Ernest Grant	Capon Bridge	Grad., Education
Niner, Albert James	Morgantown	Soph., B. S. M. E.
Nippert, Phillip Henry	Beaver Falls, Pa.	2nd Yr. Med.
Nixon, Clevel R.	Huntington	1st Yr. Med.
Nixon, Thomas Daniel	Morgantown	Sen., B. S. Ind. Ed.
Noble, Louise	Morgantown	Spec., A. & S.
*Noel, Jessie Evelyn	Vivian	Grad., Education
Noland, Edward William	Romney	Grad., Education
Noland, Erra Enid	Morgantown	Summer School
Norman, Marjorie Mabel	Parkersburg	Grad., Education
Norteman, Samuel Lash	Wheeling	Fr., B. S. Ch. E.
Noud, Edith Kathrine	Morgantown	Spec., A. & S.
Null, Eugene Jennings	Hundred	Sen., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Nutter, Anita May	Enterprise	Grad., French
*Nutter, Odell	Huntington	Grad., History
Nutter, Phosa David	Russellville	1st Yr. Med.
Nutter, Virginia Lee	Enterprise	Grad., English
Nuzum, Charles Richard	Hepzibah	Sen., B. S. C. E.
Nuzum, David Graham	Hepzibah	Jun., A. B.
Ober, Ida M.	Monessen, Pa.	Summer School
O'Brien, H. Wesley	Pittsburgh, Pa.	Sen., A. B.
Ocheltree, Catherine Elizabeth	Shepherdstown	Jun., A. B.
Ocheltree, Mary Chambers	Madison	Grad., English
Ocoma, Eduardo Caliodan	Mangaldan, P. I.	Sen., A. B.
Ocoma, Estamislas	Mangaldan, P. I.	Fr., B. S. Ch. E.
Odell, Challens Beryle	Shinnston	Jun., B. S. Agr.
O'Farrell, Paul James	White Sulphur Springs	Sen., A. B.
Offner, Edward	Fairmont	1st Yr. Med.
Oliverio, Domineck	Clarksburg	Fr., B. S. E. E.
O'Neill, Joseph Brown	Uniontown, Pa.	2nd Yr. Law
Ong, Esther Lucinda	Mount Pleasant, Pa.	Fr., A. B.
Opp, Paul Franklin	Fairmont	Grad., Education
Oppenheimer, Benjamin Rolland	Morgantown	Sen., A. B.
Orler, Victor Joseph, Jr.	Hollidays Cove	Fr., B. S. E. E.
O'Roke, Dorothy Elizabeth	Hyndman, Pa.	Grad., English
Orr, Lynn Earl	Morgantown	Fr., A. B.
Osborn, Mary Jane	Morgantown	Fr., B. S. H. E.
Ostrofsky, Ralph Eli	Mattapan, Mass.	Fr., A. B.
Ott, Earl	Littleton	Grad., Education
Otto, Julia Elizabeth	Cameron	Summer School
Ovrebo, Gerhard Oliver	Aneta, N. D.	Grad., Mathematics
Owen, Dorothy Jane	Hastings	Spec., Grad.
Owen, Edward Morgan	Uniontown, Pa.	Fr., A. B.
Owen, Emily Martha	Fairmont	Soph., A. B.
Owens, John C.	Clarksburg	Jun., B. S. C. E.
Owens, Mary Praesentata	Wheeling	Grad., Education
Oxenhorn, Benjamin M.	Brooklyn, N. Y.	Fr., A. B.
Pack, Lottye Mae	Hinton	Sen., B. S. H. E.
Painter, Camilla	Morgantown	Fr., A. B.
Paladino, Francis Lewis	Clarksburg	1st Yr. Pharm.
Paletz, Samuel Arthur	Camden, N. J.	Fr., A. B.
Paller, Walter Ernest	Nemacolin, Pa.	Sen., A. B.
Palmer, Bessie Mae	Bridgeport	Grad., French
Palmer, Glenn Fair	Pine Grove	Fr., A. B.
Palmer, Lewis Edwin	Sherman	Sen., B. S. E. E.
Palmer, Neva	Pine Grove	Grad., Chemistry
Papadionysiou, Nick	Weirton	Soph., A. B.
Parrish, Joseph Benjamin	Belington	Fr., B. S. M. E.
Parker, Carrie Lucas	Glen Hedrick	Grad., Education
Parker, Frank Floyd	Rivesville	Jun., B. S. Agr.
Parker, George M.	Glen Hedrick	Grad., Education
Parker, William Alfred	Rochester, N. Y.	Summer School
Parks, Otia Cornelia	Elizabeth	Grad., Education
Parnes, David	Perth Amboy, N. J.	Fr., A. B.
Parrack, Francis Evan	Kingwood	3rd Yr. Law
Parriott, William Wright	Morgantown	Jun., A. B.
Parrish, John M.	Mannington	Soph., A. B.
Parrish, Mary Arietta	Fairmont	Grad., French
Parry, Elizabeth	Belle Vernon, Pa.	Jun., B. S. H. E.
Parshall, David Benjamin	Wheeling	1st Yr. Law

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Parsons, Earl George	Chester	Fr., A. B.
Parsons, Harold Ewing	Morgantown	Jun., A. B.
Parsons, Norman W.	Morgantown	Sen., B. S. Eng'g. Elec.
Parsons, Ray Lemon	Martinsburg	1st Yr. Pharm.
Parsons, Roy Cyrus	Proctor	Grad., Chemistry
Patterson, George Denison	Huntington	Jun., A. B.
Patterson, John Lester	Morgantown	Sen., B. S. Ed.
Patterson, Mae Roberta	New Brighton, Pa.	Summer School
Patterson, Rex A.	Morgantown	2nd Yr. Med.
Patterson, Robert Compton	Morgantown	Sen., A. B.
Patton, Floyd Jackson	Fairmont	Fr., A. B.
Pavolack, Bertha	Wheeling	Soph., A. B.
Paxton, Harold P.	Walton	Fr., A. B.
Payne, Charles Henry	Beckley	Fr., A. B.
Peairs, Chalmers Addison, Jr.	Morgantown	Fr., B. S. Agr.
Peairs, Edith Pennington	Morgantown	Soph., A. B.
Pearsall, Samuel Johnson	Hopwood, Pa.	Jun., A. B.
Pearson, Eloise	Saint Albans	Grad., Physical Ed.
Pease, Alice Elizabeth	West Union	Jun., A. B.
Pease, John Stanley	Babylon, N. Y.	Fr., B. S. C. E.
Peaslee, Ethel Virginia	Rowlesburg	Sen., B. S. Ed.
Peck, Earl Masters	Lewisburg	Soph., A. B.
Peck, Melville Crim	Morgantown	1st Yr. Pharm.
*Peckham, Frederic Metcalf	Huntington	Grad., Education
Pehonskey, Emil John	Weirton	Grad., Education
Pell, Van Elmis	Morgantown	Sen., B. S. Agr.
Pelter, John J.	Dehue	Sen., A. B.
Pence, John Wesley	Fairmont	Grad., History
Pence, Wilford Lee	Charleston	Fr., B. S. Phys. Ed
Penn, Samuel E.	Mount Pleasant, Pa.	Jun., A. B.
Perdue, Sarah Frances	Bramwell	Spec., Grad.
Peregoy, Clarence Gilbert	Glen Hedrick	Grad., Education
Perillo, Arthur Anthony	Amsterdam, N. Y.	Fr., A. B.
Perilman, William	Wheeling	Jun., A. B.
Perine, Eunice	Morgantown	Sen., B. S. Phys. Ed.
Perkins, Reva Kate	Owens	Summer School
Perrine, Paul	Morgantown	Jun., B. S. Ed.
Perryman, Virginia Clark	Ronceverte	Grad., Education
Peters, Gilbert Burdette	Morgantown	Jun., A. B.
Peters, Mildred Virginia	Romney	Fr., A. B.
Peters, Trixy McClaugherty	Bluefield	1st Yr. Law
Petersen, Sylvia	Dellslow	Sen., B. S. Ed.
Petroplus, August William	Wheeling	3rd Yr. Law
Pettengill, Ralph S.	Henderson, N. Y.	Soph., B. S. E. E.
Pettigrew, Helen Purinton	Morgantown	Grad., English
Pfalzgraf, Russell	Parkersburg	Jun., B. S. Phys. Ed.
Phares, Eddie Brison	Bayard	Grad., Education
Phares, Myrtle Alice	Riverton	Soph., A. B.
Phares, Verdie	Riverton	Jun., B. S. Ed.
Pharr, Telford Ruddell	Lumberport	Grad., Agriculture
Phelps, Fred Griffith	Bluefield	Grad., Education
Phillips, Dorothy	Man	Soph., A. B.
Phillips, John McKinley	Morgantown	Grad., Education
Phillips, Versie	Shady Springs	Summer School
Phillips, Virgil Frank	Saint George	Soph., A. B.
Piampiano, John Joseph	Brooklyn, N. Y.	Jun., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Pickens, James Keith	Mount Clare	Soph., A. B.
Pickens, Pearl	Glenville	Grad., English
Pierattini, Marino	Masontown, Pa.	Soph., A. B.
Pierson, Katherine M.	Charleston	Soph., A. B.
Pietro, Frank James	Morgantown	Fr., A. B.
Pietro, George Henry	Morgantown	Soph., A. B.
Pietro, Helen Elizabeth	Morgantown	Jun., A. B.
Pigott, Luther G.	West Union	Grad., Education
Pigott, Wayman Hess	Lumberport	Grad., Education
Pike, Reginald	Morgantown	Sen., B. S. M. E.
Pilchard, Margaret Virginia	Bethany	Summer School
Pilchard, William Albert	Bethany	Soph., B. S. E. M.
Pilcher, Edwin Sharp	Charleston	Soph., B. S. Agr.
Pinel, Rene Charles	West New York, N. J.	Jun., B. S. M. E.
Pipes, Byron Thomas	Cameron	Jun., A. B.
Pipes, Elrcane	Cameron	Soph., B. S. Phys. Ed.
Pitsenberger, Ada Morris	Morgantown	Grad., Education
Pitsenberger, Isaac Irvin	Morgantown	Grad., Botany
Pitsenberger, James Robert	Pool	Sen., B. S. Agr.
Pitzer, Dove Lillian	Farmington	Jun., B. Mus.
Plapp, Doris Anne	Chicago, Ill	Grad., Zoology
Plaster, Lawrence Andrew	Charleston	Sen., B. S. Ed.
Plate, William Albert	Weston	2nd Yr. Pharm.
Platz, John Aaron	Lynn, Mass.	Soph., A. B.
Pletcher, Robert O.	Cameron	1st Yr. Med.
Plovanich, John P.	Littleton	Sen., B. S. M. E.
Plovanich, Paul Peter	Littleton	Soph., B. S. E. E.
Plymale, Birdie Jewel	Kenova	Summer School
Plymale, Clarence H.	Huntington	2nd Yr. Med.
Plymale, Hope Rebecca	Huntington	Summer School
Plymale, Pauline Malcolm	Huntington	Spec., Grad.
Poe, Genevieve Liberty	Alum Bridge	Grad., Latin
Poe, J. Alfred	South Charleston	Grad., Zoology
Poff, Louis Willard	Washington, Pa.	Fr., B. Mus.
Polan, Charles Gabriel	Charleston	1st Yr. Med.
Polan, Lester Ray	Salem	Grad., Physics
Poland, John Robert	Martinsburg	Sen., A. B.
Polen, Frederic Eugene	New Cumberland	Jun., A. B.
Poling, Hansel Beverly	Nellis	Soph., A. B.
Poling, John P.	Morgantown	Sen., B. S. C. E.
Pollock, Robert Kyle	Ashland, Ohio	Jun., A. B.
Pomerantz, Jacob Samuel	Brooklyn, N. Y.	Soph., A. B.
Pomeroy, Willis Edward	Stewartstown	Soph., A. B.
Pomykata, Joe	Oswald	Fr., B. S. E. E.
Ponek, Stanley Joe	Osage	Fr., A. B.
Poole, Robert Clay	Gassaway	Soph., A. B.
Pope, Mildred	Petersburg	Sen., A. B.
Porter, George Worth	Littleton	Grad., Education
Porterfield, Little Cornelia	Gerrardstown	Spec., Grad.
Portfolio, Edward Lewis	Union City, N. J.	Fr., A. B.
Post, Carl Brandt	Clarksburg	Grad., Physics
Post, Charles Lee	Clarksburg	Jun., B. S. E. E.
Post, Lawrence Caldwell	Buckhannon	Jun., A. B.
Post, Russell Dale	Morgantown	Fr., A. B.
Posten, Harold Bonafield	Morgantown	Fr., B. S. E. E.
Postlethwait, Raymond Woodrow	New Martinsville	Fr., A. B.
Poteet, Pearle Ethel	Charleston	Fr., A. B.
Potesta, Pete	Richwood	Fr., B. S. Ch. E

Potter, Charles Jackson	Greenfield, Mo.	Grad., Chemical Eng'g.
Potter, Roy Edward	Valley Grove	Soph., B. S. Ind. Ed.
Powell, Barbara Brenneman	New Cumberland	Fr., A. B.
Powell, Charles W.	Huntington	1st Yr. Med.
Powell, Eugene Joseph	Clarksburg	Sen., B. S. Agr.
Powell, J. Edward	Clarksburg	Soph., B. S. Ch. E.
Powell, Louisa Burns	Wheeling	Soph., A. B.
Power, R. Stanley	Huntington	Jun., A. B.
Pownall, Virginia Hopkins	Romney	Sen., B. S. H. E.
Prager, Eugene	Wheeling	3rd Yr. Law
Preest, Evelyn F.	Morgantown	Sen., A. B.
Preest, Mildred Coreyne	Morgantown	Fr., B. S. H. E.
Prentice, Allison Maine	War	Fr., A. B.
Prentice, Thomas	War	Soph., B. S. E. E.
Preston, Margaret Ann	White Sulphur Springs	Soph., A. B.
Price, B. Allen	Hinton	Soph., B. S. Ch. E.
Price, Claude Merle	Smithfield	Soph., A. B.
Price, Walter C.	Huntington	1st Yr. Law
Prichard, Claude	Parkersburg	Jun., A B.
Pritchard, Mona	Pennsboro	Jun., B. S. Phys. Ed.
Proctor, Sue	Ravenswood	Sen., A. B.
Propst, Beulah Lee	Philippi	Jun., A. B.
Protzman, Garnet Hester	Morgantown	Jun., A. B.
Proudfoot, Harold B.	Grantsville	Grad., Education
Proudfoot, Thurl Waitman	Grantsville	Sen., A. B.
Provance, Betty Jane	Point Marion, Pa.	Spec., Phys. Ed.
Pugh, Julian Lee	Seibert	Fr., B. S. E. E.
Puglia, Peter	Uniontown, Pa.	Fr., B. S. Phys. Ed.
Pushkin, Willard Carson	Charleston	Soph., A. B.
Pyle, George R.	Morgantown	Soph., B. S. Ch. E.
Pyles, Helen	New Martinsville	Sen., A. B.
Quenon, Clarence Anthony	Farmington	Soph., B. S. E. M.
Quenzel, Carrol Hunter	Morgantown	Grad., History
Radcliff, Harry Smith	Fairmont	Grad., Latin
Radivojevic, Sava Mathew	Everettville	1st Yr. Med.
Raese, Richard	Davis	Sen., A. B.
Rafal, Sidney	New York, N. Y.	Jun., A. B.
Rafferty, Michael Alphonse	Weston	Spec., Grad.,
Ragase, Robert Hamilton	Wheeling	Fr., A. B.
Ragland, George Motley	Beckley	Jun., B. S. Ch. E.
Ragland, Ned Hutter	Beckley	2nd Yr. Law
Raines, D. Reed	Thomas	Grad., Zoology
Ramage, Anna Margaret	Clarksburg	Soph., A. B.
Ramm, Robert Frederick	Babylon, N. Y.	Fr., B. S. C. E.
Ramsey, Goff D.	Cairo	Grad., Education
Ramsey, Sylvia Sibyl	Leander	Sen., B. S. Ed.
Rapp, Murrell Sine	Sistersville	Jun., B. S. Agr.
Ratliff, Carlos Clayton	Hinton	Soph., B. S. Phys. Ed.
Rauch, Minnie Roberta	Martinsburg	Grad., Mathematics
Rayson, Harold	East Orange, N. J.	Fr., A. B.
Rea, Henry Berlin	Morgantown	Soph., B. S. Ch. E.
Ream, Alvin Richard	Crellin, Md.	Jun., A. B.
Ream, Violet	Morgantown	Spec., A. & S.
Reardon, Beulah Naomi	Jacksonburg	Spec., Grad.,
Reass, Julia Margaret	Wheeling	2nd Yr. Law
Rector, G. Hazel	Shinnston	Grad., English
Rector, Robert Post	Lost Creek	1st Yr. Pharm.
Reed, Charles Allen, Jr.	Atlantic Highlands, N. J.	Fr., A. B.

Reed, Edith Hulin	West Union	Grad., English
Reed, Geraldine	Morgantown	Sen., A. B.
Reed, Gilbert	Burnsville	Grad., Education
Reed, Harvey G.	West Union	Grad., Education
Reed, Helen Louisa	Millville	Grad., English
Reed, Henry D.	Parkersburg	Soph., A. B.
Reed, James Cornelius	Morgantown	Fr., B. S. Phys. Ed.
Reed, James W.	Morgantown	Soph., B. S. Ch. E.
Reed, Jane Margaret	Clarksburg	Soph., A. B.
Reed, Joseph	Morgantown	Summer School
Reed, Judson Wardlaw	Morgantown	Fr., A. B.
Reed, Laurence G.	Kingwood	Soph., A. B.
Reed, Lena Eleanor	Morgantown	Jun., B. Mus.
Reed, Lena Maude	Martinsburg	Grad., English
Reed, Luther McClellan	Proctous	2nd Yr. Law
Reed, Mary Virginia	Morgantown	Soph., A. B.
Reed, Philip Jefferys	Morgantown	Jun., A. B.
Reed, Rufus Pope	Morgantown	Sen., B. S. Agr.
Reed, Sampy Gleason	Glen Hedrick	Grad., Education
Reeder, Jacob Harvey	Morgantown	Grad., Phys. Ed.
Rega, Romeo Bernard	Fairmont	Grad., Civil Eng'g.
Reger, Mason Wood	Shinnston	Fr., B. S. Agr.
Reger, Ruth Law	Morgantown	Fr., A. B.
Reger, Wray Hess	Shinnston	Soph., B. S. E. E.
Reinhardt, Carl John	Sharon, Pa.	Grad., Education
Reiter, Gertrude Katharine	Morgantown	Fr., A. B.
Remage, Russell	Gassaway	Grad., Education
Remke, Ruth E.	Huntington	Spec., Grad.,
Renick, Effie Othella	Morgantown	Grad., English
Renick, Elbert Joseph	Morgantown	Fr., A. B.
Renick, Ernest Lovell	Morgantown	Soph., A. B.
Renner, Bert	Hundred	1st Yr. Pharm.
Rennon, Joseph	Morgantown	Fr., B. S. C. E.
Renstrom, Garnet Christina	Morgantown	Fr., B. S. H. E.
Repair, Richard Gerald	Parsons	Sen., B. S. Agr.
Reppert, Bruce H.	Buckhannon	Grad., Education
Rescinito, Frank N.	Pittsburgh, Pa.	Soph., A. B.
Restor, E. F.	Camden on Gauley	Fr., B. S. Agr.
Rexroad, Emry R.	Bethany	Grad., Education
Rexroad, Thelma Leone	Nitro	Soph., A. B.
Reynolds, Carroll Foster	Morgantown	Sen., B. S. Phys. Ed.
Reynolds, Cedric Okell	Grafton	Grad., History
Reynolds, Orlando S.	Keyser	1st Yr. Med.
Rhoads, George	Smoot	Grad., Agriculture
Rhodes, Hadden Sherman	Fairmont	Grad., Education
Rice, Charles Hamilton	Hundred	Jun., A. B.
Rice, Harvey Mitchell	Princeton	Grad., History
Rice, Richard Paul	Moundsville	Soph., A. B.
Rich, Herman A.	Morgantown	1st Yr. Med
Rich, Louise Angeline	Morgantown	Soph., A. B.
Richard, Earl Shellas	Morgantown	Fr., A. B.
Richards, Doshia	Casar, N. C.	Sen., B. S. H. E.
Richards, Harry Jonathan	Morgantown	Fr., A. B.
Richardson, Daniel Wayne	Masontown	Fr., B. S. E. E.
Richardson, Harold Crawford	Charleston	Fr., A. B.
Richardson, Henry Sabe	Clarksburg	Sen., A. B.
Richardson, Herbert Walter	Charleston	Jun., A. B.
Richardson, Olive Fay	Morgantown	Spec., Phys. Ed.

Richey, Robert Maxwell	Wellsburg	Soph., A. B.
Richman, Charles Vance	Hastings	Jun., B. S. E. E.
Richmond, Jean Elnora	Morgantown	Grad., Education
Richmond, Ruth	Hollidays Cove	Fr., B. S. H. E.
Richner, Thomas B.	Point Marion, Pa.	Sen., B. Mus.
Riddel, Clyde Friedell	Grantsville	Grad., Education
Riddle, Harry Glenn	Cairo	Jun., B. S. Agr.
Riddleberger, Raymond Walker	Charles Town	Sen., A. B.
Rider, Morgan Wesley	Morgantown	Fr., A. B.
Rider, P. Melford	Rivesville	Grad., Education
Ridgeway, John Joseph	Point Marion, Pa.	Fr., B. S. Ch. E.
Ridgway, James Robert	Kingwood	Soph., A. B.
Riedel, Evelyn Lois	McMechen	Sen., B. S. Ed.
Riedel, Harold	Benwood	Fr., B. S. C. E.
Rietz, Louise Jean	Morgantown	Fr., A. B.
Riggs, Robert A.	Winding Gulf	Summer School
Riggs, Wilma Mary	Fairmont	Soph., B. S. Phys. Ed.
Right, Margaret Elizabeth	Belington	Jun., B. S. H. E.
Riley, Eugene Joseph	Leisenring, Pa.	Fr., A. B.
Riley, Frederick Frazier	Morgantown	Grad., Botany
Riley, Ulysses William	Glen Morrison	2nd Yr. Law
Rilling, Greta Raymond	Pursglove	Spec., A. & S.
Rinaldi, John Anthony	Canton, Ohio	Soph., A. B.
Rine, Mary Beulah	Moundsville	Fr., A. B.
Rinehart, Bernard Francis	Parkersburg	Sen., B. S. E. M.
Rinehart, Karl Maxwell	Hollidays Cove	Fr., A. B.
Rinehart, Oliver N.	Morgantown	Soph., B. S. M. E.
Rinehart, Willa Chenoweth	McMechen	2nd Yr. Pharm.
Rinehart, William Burrell	Monongah	Grad., English
Ripley Chesleigh Rosamond	Alma	Sen., B. S. Agr.
Ripley, Raymond Graydon	Alma	Soph., B. S. Agr.
Risher, George R.	Morgantown	Soph., B. S. Ch. E.
Risher, Grace Leona	Morgantown	Soph., B. S. Phys. Ed.
Ritter, Joseph Samuel	Clarksburg	Fr., B. S. Ch. E.
Ritz, Elinor Cleon	Bluefield	2nd Yr. Law
Roach, Emma Flickner	New Cumberland	Grad., English
*Roberts, Catherine E. D.	Huntington	Grad., English
Roberts, Darius	Morgantown	Soph., B. S. Ind. Ed.
Roberts, Donald Russell	Richwood	Soph., A. B.
Roberts, Edith Elizabeth	Morgantown	Sen., B. Mus.
Roberts, Emily Winifred	Morgantown	Sen., A. B.
Roberts, Ernest Edward	Morgantown	Jun., A. B.
Roberts, Fred C.	Hambleton	Grad., Mathematics
Roberts, George Constable	Chester	Jun., A. B.
Roberts, John	Morgantown	Soph., B. S. Phys. Ed.
Robertson, Mary B.	Frame	Jun., A. B.
Robertson, William James	Richwood	Grad., History
Robey, Bess Louise	Grafton	Sen., A. B.
Robey, Edith Mae	Fairmont	Grad., English
Robey, George Wilson	Shinnston	1st Yr. Pharm.
Robey, William Richard	Grafton	Fr., A. B.
Robinson, Bruce Gerald	Smithfield, Pa.	Jun., B. S. Agr.
Robinson, Gladys Virginia	Cairo	Spec., Grad.
Robinson, Lynden Talbott	Confluence, Pa.	Jun., A. B.
Robinson, Myer	Wheeling	3rd Yr. Law
Robinson, Ralph Davis	Hepzibah	Jun., A. B.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Robinson, Robert R.	Morgantown	Grad., Agronomy
Robinson, Virginia Eleanor	Monongah	Grad., Education
Robinson, William Waldo	Grafton	Jun., A. B.
Robison, James C.	Morgantown	Fr., B. S. C. E.
Robson, Edith	Huntington	Spec., Grad.,
Robson, Frances Elizabeth	Brooklyn, N. Y.	Grad., Education
Robson, George H.	Charleston	Fr., A. B.
Rock, John Hampton	Fairmont	Fr., B. S. C. E.
Rockis, Joseph	Jere	Fr., A. B.
Rockwell, Ewing Hagan	Unlontown, Pa.	Soph., A. B.
Rodgers, Edward Galway	Clarksburg	Sen., B. S. M. E.
Rodgers, Fred Dwight	Ronceverte	Fr., B. S. Agr.
Rodney, Emily	Clarksburg	Jun., A. B.
Roeder, George C.	Cumberland, Md.	Fr., B. S. C. E.
Roetman, Edmond T.	Albia, Ia	Grad., Civil Eng'g.
Rogers, Albert Luke	Paw Paw	Grad., Education
Rogers, Alma Sophia	Morgantown	Jun., A. B.
Rogers, Berenice Wells	Paw Paw	Grad., English
Rogers, Doris	Point Marlon, Pa.	Soph., A. B.
Rogers, Frank Tipton	Prestonsburg, Ky.	1st Yr. Med.
Rogers, George Henson	Camden	Spec., Grad.
Rogers, Homer	Richwood	Grad,. Education
Rogers, Jean Leslie	Monongah	Grad., French
Rogers, Nathaniel Howard	Keyser	2nd Yr. Law
Rogers, Rhoda Ellen	Morgantown	Jun., A. B.
Rogerson, Clinton	Moundsville	Jun., A. B.
Rogokos, William August	Paterson, N. J.	Fr., B. S. M. E.
Rohrbough, Myrl G.	Weston	Jun., B. S. Ed.
Roles, Forrest	Greenville	3rd Yr. Law
Rollins, Cecil Glenn	Cornwallis	Grad., Education
Romano, James Anthony	Fairmont	Fr., B. S. C. E.
Romino, Dominick Joseph	Fairmont	Jun., A. B.
Romino, Joseph Dominick	Fairmont	1st Yr. Med.
Rose, C. Raymond	Morgantown	Fr., A. B.
Rose, Herschel Hampton, Jr.	Fairmont	Jun., A. B.
Rose, Irving	Brooklyn, N. Y.	Jun., A. B.
Rose, Kenneth	York, Pa.	Sen., B. S. (Eng'g. Elec.)
Rosen, Eli Alvin	Brooklyn, N. Y.	Soph., A. B.
Rosenberg, David	Franklin Square, N. Y.	2nd Yr. Med.
Rosenberg, Mortimer Wilson	Corona, N. Y.	Soph., A. B.
Ross, Anna Virginia	Newport, Del.	Jun., B. S. Phys. Ed.
Ross, Ella	Point Marlon, Pa.	Jun., B. S. H. E.
Ross, Joseph F.	Fairmont	Soph., B. S. M. E.
Ross, Robert Louis	Point Marlon, Pa.	Fr., A. B.
Ross, Sara Nelle	Pennsboro	Fr., B. Mus.
Ross, William Victor	Charleston	Fr., A. B.
Rossey, Lucy Burton	Moundsville	Grad., Education
Roth, Clarence E.	Benwood	Grad., History
Roth, Elmer Rudolph	McMechen	Grad., Botany
Rothlisberger, Floyd Frederick	Buffalo	Grad., Agriculture
Rotunno, Carmen Augustine	Morgantown	Jun., B. S. Ed.
Rouse, Mac E.	Parkersburg	Soph., A. B.
Rowan, Elizabeth Hall	Morgantown	Sen., B. S. Ed.
Rowland, Sara Elizabeth	Williamson	Fr., A. B.
Rubin, Murray	Morgantown	Sen., A. B.
Ruble, Clifford Harvey	Fairmont	Fr., B. S. M. E.
Ruble, Cyril Fred	Morgantown	Sen., A. B.
Ruble, Harry Robert	Wheeling	Fr., B. S. M. E.

Ruble, Kathlren Mae	Fairmont	Fr., B. S. H. E.
Ruble, Russel Fite	Smithfield, Pa.	Fr., B. S. E. E.
Ruck, William H.	Clarksburg	Sen., A. B.
Rue, John Donald	Wellsburg	Soph., A. B.
Rundell, Beu Alma	Morgantown	Fr., B. S. Phys. Ed.
Runner, Harry Clyde, Jr.	Morgantown	Fr., A. B.
Runner, Mildred Sue	Morgantown	Grad., Public Speaking
Rush, Agnes	Scottsville, N. Y.	Sen., B. S. H. E.
Rush, John Franklin	Morgantown	Grad., Chemistry
Russell, Eleanor Marion	Camden on Gauley	Soph., A. B.
Russell, Elizabeth Campbell	Morgantown	Fr., A. B.
Rutan, James Olin	Wellsburg	Grad., Education
Ruth, Finley Robert	New Martinsville	Spec., Grad.
Rutter, Jessie Edna	Wheeling	Fr., A. B.
Ryan, Clarence D.	Mannington	Grad., Economics
Ryan, Ernest Leeman	Anmore	Fr., B. S. Ch. E.
Ryan, Ralph Waldo	Ryan	Soph., A. B.
Ryan, Virginia Lucille	Reedy	Jun., A. B.
Rymer, Roger	Ripley	Fr., A. B.
Sagle, Ray Abner	Kearneysville	Fr., B. S. M. E.
Salisbury, Mary Harriet	Wilmerding, Pa.	Fr., A. B.
Sameth, Charles Franklin	Welch	Fr., A. B.
Sammeck, Ella Bertha	Morgantown	Sen., A. B.
Sample, Lloyd Erle, Jr.	Fairmont	3rd Yr. Law
Sams, Ruth Nicholson	Morgantown	Spec., A. & S.
Samsell, Lena Phillips	Morgantown	Sen., A. B.
Samsell, Virginia Elsie	Morgantown	Sen., B. S. Phys. Ed.
Samuel, Harry Lawrence	Morgantown	Grad., Education
Sander, Esther Gray,	Pennsboro	Grad., English
Sanders, William Albert	Morgantown	Soph., A. B.
Sandy, William Calvin	Fairmont	Soph., B. S. E. E.
Sangston, Betty	Uniontown, Pa.	Jun., A. B.
Santore, Anna	Uniontown, Pa.	Soph., A. B.
Satterfield, Mildred Loise	Fairmont	Jun., A. B.
Sattes, Franz George	Saint Albans	Summer School
Saunders, Kenneth Miller	Morgantown	Soph., A. B.
Saunders, Linn Ford	Morgantown	Grad., English
Saunders, Philip Arthur	Dunbar	Sen., B. S. M. E.
Saville, James Edward	Levels	Sen., B. S. Agr.
Sawyers, Frederick William	Hinton	Soph., A. B.
Sayre, Greek	Morgantown	Grad., English
Scanlon, Carol Virginia	Morgantown	Sen., A. B.
Scanlon, Mary Rebecca	Morgantown	Soph., A. B.
Schafer, Adam Clyde	Shinnston	Fr., A. B.
Schafer, Helen Mae	Elm Grove	Sen., B. S. H. E.
Schatz, Sidney Jay	Morgantown	4th Yr. Pharm.
Schaub, John Thomas	Glen Dale	3rd Yr. Law
Scheuer, Mary Catherine	Republic, Pa.	Sen., B. S. H. E.
Schiff, Herman Louis	Morgantown	Sen., A. B.
Schiffler, Virginia Agnes	Wheeling	Sen., A. B.
Schilansky, James Leonard	Thomas	Fr., B. S. Ch. E.
Schimmel, Herold Davis	Fairmont	Jun., A. B.
Schleuss, Elizabeth Christine	Martinsburg	Spec., Grad.
Schleusener, Clara Antoinette	White Sulphur Springs	Jun., A. B.
Schmeichel, Edward Daniel	Wheeling	Jun., A. B.
Schmidt, Barbara Catherine	Appleton, Wis.	Grad., English
Schneiderhan, Felix John	Kearneysville	Grad., Plant Pathology
Schoff, John J.	Dayton, Ohio	1st Yr. Med.

Schofield, Mortimer Sigmund	Brooklyn, N. Y.	Grad., Zoology
Scholz, Frances Elaine	Point Pleasant	Jun., B. S. Phys. Ed.
Scholz, Ruth	Point Pleasant	Soph., A. B.
Schott, Ivy Hall	Morgantown	Spec., A. & S.
Schrader, Henry Stifel	Wheeling	1st Yr. Law
Schuchat, Helen Essie	Lewisburg	Soph., A. B.
Schultze, Elsa Anna	Charleston	Fr., B. Mus.
Schupbach, Gladys Enid	Saint Marys	Jun., A. B.
Schupbach, Ralph J.	New Martinsville	Spec., Grad.,
Schwartzwalder, Floyd B.	Huntington	Jun., B. S. Phys. Ed.
Schweitzer, Fred Thompson	Huntington	Soph., A. B.
Schweitzer, William Allen	Minden	Soph., A. B.
Schwender, Freda Price	South Charleston	Soph., B. Mus.
Schwender, Paul George	Huntington	Jun., B. S. E. M.
Sclove, Abraham Bernard	Charleston	3rd Yr. Law
Scott, Dennis Karl	Charleston	Soph., B. S. E. M.
Scott, Denny Fairfax	Terra Alta	Soph., A. B.
Scott, Earl Shelbourne	Welch	Fr., A. B.
Scott, George Washington	Frederiektown, Pa	Fr., B. S. E. E.
Scott, Isadore Meyer	Welch	Soph., A. B.
Scott, James Boundy	Blacksville	Fr., B. S. M. E.
Scott, James William	Williamstown	Fr., B. S. Phys. Ed.
Scott, Julian Stone	Fairmont	Sen., A. B.
Scott, Robert Herndon	Elkins	Grad., Education
Scott, Roger B.	Morgantown	Soph., A. B.
Scott, Samuel Verne	Beckley	2nd Yr. Law
Scourby, Alexander Euclid	Brooklyn, N. Y.	Fr., A. B.
Sebulsky, Jacob L.	Wheeling	Sen., A. B.
Seibert, Carroll Edmund	Martinsburg	Soph., B. S. Agr.
Seibert, Cleveland McSherry, Jr.	Martinsville	Fr., B. S. Ch. E.
Seibert, George Henry	Elm Grove	Fr., A. B.
Selby, Edmund K.	Morgantown	Sen., A. B.
Selby, Harlan Bovell	Morgantown	Spec., Grad.
Sellards, Lowell L.	Wayne	Soph., B. S. Agr.
Sellers, Hubert Kramer	Saint Marys	Soph., B. S. E. E.
Sellers, Robert E.	Morgantown	Sen., A. B.
Senfeld, Sidney	Brooklyn, N. Y.	Soph., A. B.
Sepkowski, Benjamin Edward	Weirton	Soph., A. B.
Sergi, Charles	Mount Hope	1st Yr. Med.
Shafer, Cecil Wendell	Wayne	2nd Yr. Med.
Shafer, Hugh Mexico	Philippi	Jun., A. B.
Shafer, Jessie Everly	Independence	Grad., Education
Shafer, L. Starkey	Independence	Grad., Agriculture
Shafer, Paul Noble	Tipple	Grad., Agriculture
Shaffer, Dempsey Brooks	Mona	Soph., B. S. E. E.
Shaffer, Dorothy Violet	Masontown	Spec., Grad.
Shaffer, Francis	Morgantown	Soph., B. S. Phys. Ed.
Shaffer, Glenn Jefferson	Masontown	Fr., A. B.
Shaffer, Harold Edwin	Bayard	Sen., B. S. Ed.
Shaffer, Harold Wilbert	Parsons	Grad., Education
Shaffer, Helen H.	Parsons	Fr., B. S. H. E.
Shaffer, Howard	Morgantown	Fr., A. B.
Shaffer, Louise G.	Morgantown	Grad., History
Shaffer, Maurice Leon	Hyndman, Pa.	Soph., B. S. M. E.
Shaffer, Robert F.	Morgantown	Soph., A. B.
Shaffer, Vertie Morgan	Fairmont	Grad., Education
Shaffer, Walter Elmer	Morgantown	Jun., B. S. Ed.
Shanks, James Carroll	Morgantown	Fr., B. S. E. E.

Sharp, Glenna	Morgantown	Jun., B. S. H. E.
Sharpe, Ben Richard	Morgantown	Soph., A. B.
Sharpe, George, Jr.	Morgantown	Grad., Agr. Education
Sharpless, Geraldine Rae	Martinsburg	Fr., B. S. H. E.
Shaw, Robert Brown	Gallipolis, Ohio	1st Yr. Med.
Shearer, Theo Beatrice	Morgantown	Sen., A. B.
Sheets, Goldie Dale	Morgantown	Grad., German
Shein, Alice Louise	Williamson	Fr., A. B.
Shelby, Minerva	Morgantown	Spec., A. & S.
Shelby, Sarah	Morgantown	Jun., B. S. Ed.
Sheldon, Clara Fleming	Morgantown	Grad., Botany
Sheldon, Earl Fleming	Morgantown	Soph., B. S. E. E.
Shemanski, Clem John	Nanticoke, Pa.	Soph., A. B.
Shepherd, James Banks	Charleston	Sen., B. S. C. E.
Shepherd, James Wendell	Morgantown	Fr., A. B.
Shepherd, Nelle	Morgantown	Sen., B. S. H. E.
Shepler, Joseph Robert	West Newton, Pa.	1st Yr. Med.
Shepler, Katharine Emma	Grafton	Summer School
Sheppard, Robert Howard	Palestine	Fr., B. S. E. E.
Sherrard, Thomas Johnson	Wellsburg	2nd Yr. Law
Sherren, Joseph Elmer	Tunnelton	Fr., A. B.
Shertenlieb, Alfred Roland	Logan	Fr., B. S. M. E.
Sherwood, Etta Hawkins	Fairmont	Music
Shibler, Dorcas E.	Morgantown	Fr., A. B.
Shipley, Douglas Burris	Martinsburg	Sen., A. B.
Shipman, Jack Kline	Maben	Sen., A. B.
Shira, Margaret Virginia	Salem	Sen., B. S. H. E.
Shively, Evelyn Mary	Wheeling	Fr., A. B.
Shoaf, Annabelle	Uniontown, Pa.	Summer School
Shonk, Edwin Garrison	Charleston	Fr., B. S. M. E.
Shonk, Virginia	Charleston	Sen., A. B.
Shor, Frances Leon	Williamson	Soph., A. B.
Shore, Edwin Joseph	Fairmont	Sen., A. B.
Shortridge, Blanche Pauline	Morgantown	Grad., English
Shortridge, Wilson Poole	Morgantown	Fr., A. B.
Shreve, Ison	Landis	Grad., Zoology
Shreve, Oid Davis	Beverly	Summer School
Shriver, Dorothy Vernon	Morgantown	Music
Shriver, May	Morgantown	Grad., Education
Shriver, Pearl Coburn	Morgantown	Music
Shriver, Verella May	Morgantown	Grad., Education
Shriver, Willard Evert	Hedgesville	Sen., A. B.
Shrum, Madolyn	Morgantown	Sen., B. S. H. E.
Shuman, Chester Albert	Morgantown	Fr., B. S. E. E.
Shumate, Hursie Cleoden	Tipple	Fr., B. S. Agr.
Shurtleff, Mary McCulloch	Fairmont	Grad., Education
Shutko, Frank William	Sprague	Fr., B. S. E. E.
Shuttleworth, Helen Miriam	Nutter Fort	Summer School
Shuttleworth, Louise	Fairmont	Jun., A. B.
Sidell, Bruce W.	New Martinsville	Soph., B. S. Ch. E.
Silver, Gray, Jr.	Martinsburg	Fr., A. B.
Silver, Mary Gray	Martinsburg	Soph., A. B.
Simmons, Edgar B.	Sugar Grove	Grad., Botany
Simmons, Ora Leonard	Elk Garden	Grad., Education
Simmons, Orie Byrd	Franklin	Soph., B. S. E. E.
Simms, Edward Broaddus	Charleston	Fr., A. B.
Simms, John Alderson	Charleston	Grad., Chemistry
Simms, Philip Robert	Charleston	3rd Yr. Law

Simons, Sophia Josephine	New Cumberland	Sen., B. S. Ed.
Simmonton, Elizabeth Hughes	Morgantown	2nd Yr. Law
Simonton, Hezzie Millard	Sissonville	Grad., Education
Simpson, Alvin Ross	Booth	Soph., B. S. E. E.
Simpson, James L.	Morgantown	Jun., B. S. E. E.
Simpson, John Nathan, Jr.	Morgantown	1st Yr. Law
Simpson, Louise	Morgantown	Soph., A. B.
Simpson, Patricia Donley	Morgantown	Fr., B. S. Phys. Ed.
Simpson, Ruth	Morgantown	Jun., B. S. Phys. Ed.
Sims, C. Binford	Fayetteville	Jun., B. S. E. E.
Sims, Mary Louise	Morgantown	Fr., A. B.
Sine, Annie Laurie	Blacksville	Jun., B. S. H. E.
Sine, Pauline Ruth	Maidsville	Fr., A. B.
Siple, Mary Wilson	Romney	Jun., A. B.
Sisler, James Donaldson	Morgantown	Grad., Geology
Sites, Charles Judy	Upper Tract	Fr., A. B.
Sizemore, William Clifton	Matoaka	2nd Yr. Pharm.
Skaff, Philip	Charleston	Sen., B. S. E. E.
Skaff, Victor	Charleston	Fr., A. B.
Skidmore, Katherine Lee	Charleston	Fr., B S. H. E.
Skidmore, Leonard James	Crafton, Pa.	Fr., B. S. Ch. E.
Skidmore, Marjorie Virginia	Charleston	Jun., A. B.
Skinner, Minter Perry	Weston	Grad., Education
Slack, Charles Norman	Charleston	Fr., B. S. Ch. E.
Slate, Thomas Andrew	Weirton	Soph., A. B.
Slaven, Alice Frances	Morgantown	Jun., A. B.
Slaven, Harold David	Morgantown	3rd Yr. Law
Slawter, Harry	Aurora	Summer School
Sleeth, Bailey	Linn	Grad., Plant Pathology
Sleeth, Charles Robert	Morgantown	Jun., A. B.
Sleeth, Clark Kendall	Morgantown	Jun., A. B.
Sligar, James Sisson	Triadelphia	Fr., B. S. E. E.
Sloan, Ike	Dunbar	Soph., A. B.
Slutsky, Moses	Charleston	Jun., B. S. Ch. E.
Smith, Charles John	Oil City, Pa.	Jun., A. B.
Smith, Charles Mansfield	Huntington	2nd Yr. Med.
Smith, Cleatrice Hannah	Bridgeport	Soph., B. S. H. E.
Smith, Clyde Arthur	Rainelle	2nd Yr. Med.
Smith, Dorothy Edith	Chester	Fr., A. B.
Smith, Dorothy Flo	Morgantown	Jun., B. S. Ed.
Smith, Earnest F.	West Union	Grad., Economics
Smith, Edward H.	Parkersburg	Jun., B. S. Agr.
Smith, Elizabeth Hammond West	Morgantown	Jun., A. B.
Smith, Elton	Philippi	Grad., Political Science
Smith, Ervin Sylvester	Oakland, Md.	Jun., A. B.
Smith, Eugene Cunningham	Fairmont	Fr., B. S. E. E.
Smith, Eva Pauline	Lost Creek	Jun., B. S. H. E.
Smith, Freeman Paul	West Union	Jun., B. S. Agr.
Smith, Garland Lyle	Richwood	Fr., B. S. M. E.
Smith, George Emerson	Morgantown	Jun., A. B.
Smith, Grover	Charleston	2nd Yr. Law
Smith, Harry Anthony	Wheeling	2nd Yr. Med.
Smith, Helen	Marlinton	Grad., French
Smith, Helen Erma	Athens	Grad., English
Smith, Herman H.	West Milford	Grad., English
Smith, Isabel	Eureka	Jun., B. S. H. E.
Smith, Kingsley Richard	Weston	2nd Yr. Law
Smith, Lorelei Lou	Good Hope	Jun., B. S. H. E.
Smith, Louise	Marlinton	Sen., A. B.

Smith, Margery Shirley	Morgantown	Sen., A. B.
Smith, Mary Elizabeth	Masontown	Soph., B. S. Phys. Ed.
Smith, Mary Ford	Clarksburg	Grad., Home Economics
Smith, Mendel Wallace	Masontown	Soph., A. B.
Smith, Mildred Dorothy	Morgantown	Soph., A. B.
Smith, Pauline Wiima	Morgantown	Sen., A. B.
Smith, Preston Clark	West Union	Fr., B. S. C. E.
Smith, Rex Morgan	Fairmont	Spec., Grad.
Smith, Rosie L.	Harrisville	Grad., English
Smith, Ruth Carolyn	Parkersburg	Grad., History
Smith, Susan Roberts	Parkersburg	Soph., A. B.
Smith, Virginia	Morgantown	Jun., B. S. Ed.
Smith, Virginia Laura	Lost Creek	Soph., A. B.
Smith Virginia May	Hamlin	Sen., A. B.
Smith, William Martin	Newburg	Fr., A. B.
Smittle, Dillon Baird	Paden City	Fr., A. B.
Smoot, George Witten	Bluefield	Sen., A. B.
Smoot, James Ray	Fairmont	Jun., B. S. Agr.
Smoyer, Mary Catherine	Clairton, Pa.	Soph., A. B.
Snaith, Dorothy Armstrong	Ripley	Sen., B. S. H. E.
*Snodgrass, Burrows M.	New Martinsville	Grad., Education
Snodgrass, Nora	Charleston	Fr., A. B.
Snyder, Arthur Gail	Saint Marys	Grad., Agriculture
Snyder, Audrey Frances	Masontown	Jun., B. S. H. E.
Snyder, Henry Provance	Morgantown	3rd Yr. Law
Snyder, James Max	Morgantown	Fr., A. B.
Snyder, Jay	Star Junction, Pa.	Fr., B. S. M. E.
Snyder, Mabel Strosnider	Clarksburg	Spec., Grad.
Snyder, Marvin Howard	Walton	Grad., Agroculture
Snyder, Philip Melancthon, Jr.	Mount Hope	Jun., B. S.E. M.
Snyder, Walter Franklin	Walton	Grad., Education
Sokal, John Steve	Oliphant Furnace, Pa.	Jun., A. B.
Solomon, William	Far Rockaway, N. Y.	Fr., A. B.
Sommerville, Howard Hoy	Lost Creek	Grad., Agriculture
Sonderman, William Ronald	Wheeling	Sen., A. B.
Sortet, Wilbur	Huntington	Jun., B. S. Phys. Ed.
South, Gertrude Margaret	Morgantown	Jun., A. B.
South, John Lawrence	Morgantown	Fr., A. B.
South, Mary M.	Greenboro, Pa.	Jun., A. B.
Sowers, John Mason	Landgraff	Soph., B. S. E. M.
Sowers, Scott	Morgantown	Fr., A. B.
Spangler, Helen Virginia	Morgantown	Sen., A. B.
Spangler, Okey B.	Bluefield	Sen., B. S. E. E.
Spargo, Caroline	Wheeling	Summer School
Spargo, James Earl, Jr.	Wheeling	Fr., A. B.
Speicher, Benjamin Irvan	Morgantown	Grad., Botany
Speicher, Harper Hobart	Elkins	Grad., Education
Speicher, John Ward	Morgantown	Soph., A. B.
Speicher, Katherine	Elkins	Grad., French
Speicher, Norman K.	Morgantown	Grad., Agriculture
Speiden, Edgar F.	Bluefield	Sen., B. S. C. E.
Speiden, Henry W.	Bluefeld	Grad., Civil Eng'g.
Spencer, Maude	Parkersburg	Summer School
Sperandeo, John Joseph	Brooklyn, N. Y.	1st Yr. Med.
Sperow, F. T.	Martinsburg	Soph., B. S. Agr.
Spiggle, Nina Frances	Aurora	Jun., B. S. H. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Spiker, Beatriee	Morgantown	Fr., B. S. H. E.
Spiker, Mabel McMillen	Morgantown	Jun., A. B.
Spindler, Garold Ralph	Kingwood	Sen., B. S. E. M.
Spiro, Jerome	Williamson	2nd Yr. Pharm.
Spitz, Irene Adele	Morgantown	Soph., A. B.
Spitznogle, Jess Clarence, Jr.	Follansbee	Soph., A. B.
Sprigg, Morgan Lee, J..	Holly	Sen., B. S. E. E.
Springer, Harold Sherman	Fairmont	Fr., B. S. Phys. Ed.
Sprouse, Earl	Morgantown	Jun., B. S. Phys. Ed.
Spurgeon, Bronald Albert	Morgantown	Soph., A. B.
Staats, Beverly R. W.	Charleston	Sen., A. B.
Staats, Charles Edgar	Charleston	2nd Yr. Med.
*Staats, Delbert Carney	Ripley	Grad., Education
Staats, Wallace Waid	Ripley	Fr., A. B.
Stahl, Marjoretta Jean	Stotesbury	Sen., A. B.
Staley, Hammond T.	Lost Creek	Grad., Chemistry
Stalnaker, Cecil Martin	Logan	Grad., Education
Stalnaker, Harold B.	Elkins	Grad., Education
Stalnaker, Mary Hale	Washington, D. C.	Jun., A. B.
Stalnaker, Thelma Hardman	Quinwood	Grad., English
Stanley, Alfred Reeves	Des Moines, Ia.	Grad., Plant Pathology
Stanton, Harvey H.	Grantsville, Md.	Grad., Agriculture
Stareher, Clyde Park	Ripley	Fr., A. B.
Stark, Lewis Glenn	Petersburg	Grad., Agriculture
Stathers, Allan	Sistersville	Grad., Education
Stathers, George Dauphince	Morgantown	Sen., A. B.
Staub, William Shaffer	Romney	Jun., B. S. C. E.
St. Clair, Francis Blair	Buckhannon	Jun., B. S. Agr.
St. Clair, John Thomas	Morgantown	Sen., B. S. Ed.
Steele, Glenna Elizabeth	Lex	Soph., B. S. H. E.
Steele, Jesse Ira	Morgantown	Spec., Grad.
Steely, Marlin Luther	Morgantown	Grad., Chemical Eng'g.
Steenbergen, Peter Higgins	Point Pleasant	Grad., Education
Steenbergen, Robert Lewis	Point Pleasant	Fr., B. S. Phys. Ed
Steenburgh, Walter E.	Oak Hill	Sen., B. S. Agr.
Steger, Mary Elizabeth	Wheeling	Sen., A. B.
Steinbicker, Katherine Anne	Wheeling	Jun., B. S. Phys. Ed.
Steinfeld, Benjamin B.	Wheeling	Fr., A. B.
Steiner, Starling Daniel	Follansbee	Soph., A. B.
Stemple, Fritz John	Webster Springs	Grad., History
Stemple, Isabel Catherine	Terra Alta	Grad., Education
Stemple, Martha	Aurora	Sen., B. S. H. E.
Stemple, Muriel	Bretz	Grad., Education
Stemple, Roberta Ward	Thomas	Soph., A. B.
Stenger, Harold N.	Morgantown	Fr., A. B.
Stentz, Dortha Mae	Morgantown	Fr., B. S. H. E.
Stephen, James Otto	Parkersburg	Sen., B. S. Ind. Ed.
Stephens, Hugh Willard	Charleston	Fr., B. S. M. E.
Stephens, William	Blacksville	Fr., B. Mus.
Stephenson, Juanita P.	Wheeling	Soph., B. S. H. E.
Sterle, Frank Phillip	Uniontown, Pa.	Fr., B. S. Phys. Ed.
Sterling, William H.	Masontown, Pa.	Sen., B. S. M. E.
Stern, Joseph	Steubenville, Ohio	Fr., A. B.
Sterrett, James M.	Beaver Falls, Pa.	1st Yr. Med.
Sterrett, Martha	Morgantown	Spec., Grad.
Stevens, Dorothy Edna	Aliquippa, Pa.	Soph., B. S. Phys. Ed.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Stevens, Richard J.	Huntington	1st Yr. Med.
Stevenson, Charles Alexander	Morgantown	Grad., Education
Stevenson, Charles Fenton	Parkersburg	Jun., B. Mus.
Stevenson, Helen Liady Glenn	Morgantown	Sen., A. B.
Stevenson, Jesse Walton	Morgantown	Fr., A. B.
Stewart, Alfred Edwin	Fairmont	Fr., A. B.
Stewart, Byron Eddy	Fairmont	Sen., A. B.
Stewart, Charles Vernon	War	Sen., B. S. Ed.
Stewart, Herbert Ray	Wheeling	Fr., B. S. Phys. Ed.
Stewart, John Wendell	Saint Marys	Grad., Education
Stewart, Joseph Henry, Jr.	Morgantown	Fr., A. B.
Stewart, Joseph K.	Huntington	Grad., Matdematics
Stewart, Marvin Terrill	Morgantown	Jun., B. S. E. E.
Stewart, Russell Roy	Littleton	Sen., A. B.
Stewart, Virgil Harvey	Pineville	Sen., B. S. Ed.
Stidger, Howe Carney	Littleton	1st Yr. Law
Stiles, Harvey Virgil	Hundred	Jun., B. S. Agr.
Stillman, Marguerite Weese	Morgantown	Fr., B. S. Phys. Ed.
Stillwell, Frances Marie	Williamson	Grad., Chemistry
Stine, Emmett	New Martinsville	Grad., Education
Stites, Kenneth	Morgantown	Soph., A. B.
Stockdale, C. E.	Morgantown	Spec., Grad.
Stockdale, Harold	Morgantown	Fr., B. S. Ch. E.
Stone, Agnes Jane	Reedsville	Soph., B. S. H. E.
Stone, Douglas William	Salem	Soph., B. S. Phys. Ed.
Stone, Kathleen Burgess	Morgantown	Fr., A. B.
Stone, Kenneth Marshall	Reedsville	Grad., Agriculture
Stone, Tom Seely	Clarksburg	Soph., A. B.
Stone, Ward Day	Morgantown	3rd Yr. Law
Stonestreet, Blanche	Wolf Summit	Spec., Grad.
Stonestreet, Ouida	Morgantown	Sen., A. B.
Storck, Edward Daniel	Wellsburg	Sen., A. B.
Storok, Elizabeth	Parkersburg	Sen., B. S. H. E.
Stork, A. Robert	Charleston	1st Yr. Med.
Stork, Helen Grace	Charleston	Fr., B. S. H. E.
Stout, Burthena Pauline	Bridgeport	Grad., Home Economics
Straight, Gaynelle	Rivesville	Grad., History
Straight, Harold Emerson	Fairmont	Grad., History
Straight, Herschel Bryan	Fairview	Grad., Agriculture
Straight, Joseph J.	Rivesville	Grad., Education
*Straley, Harry Goff	Morgantown	Grad., Education
Straley, Margaret	Ripley	Sen., B. S. Ed.
Strange, John Lunsford	Williamson	Fr., B. S. M. E.
Stratford, Mary Belle	Follansbee	Soph., A. B.
Stratton, James David	Wheeling	Soph., A. B.
Strawn, Lucien Martin	Morgantown	Music
Street, Mabel	Masontown	Fr., B. S. Phys. Ed.
Strickler, Wilbur Goodwin	Jefferson, Pa.	Sen., B. S. C. E.
Strickling, William Paul	West Union	Grad., Education
Stroebel, Lewis	Wheeling	Soph., B. S. Ch. E.
Strong, Mary Heapley	Morgantown	Sen., A. B.
Strosnider, Gladys E. Virginia	West Union	Sen., A. B.
Strother, Bertha Mae	Brown	Sen., B. S. H. E.
Strouss, Adella Elizabeth	Morgantown	Grad., Home Economics
Stuart, Agnes Catherine	Morgantown	Sen., A. B.
Stuart, A. David	Morgantown	Grad., Soils

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Stuart, Daniel Sumner, Jr.	Morgantown	Jun., A. B.
Stuck, Rosemary	West Union	Soph., A. B.
Stuckard, Harry Husrt	Morgantown	Sen., B. S. Ind. Ed.
Sturbols, Louis	Clarksburg	Grad., Phys. Ed.
Sturgiss, Marie Helen	Morgantown	Jun., A. B.
Sturm, Charles	Fairview	Fr., B. S. C. E.
Sturms, Harry Ellis	Parsons	Soph., B. S. C. E.
Stutzman, Ernest	Shepherdstown	Grad., Physics
Suder, Emil Ferdinand	Thomas	Grad., Economics
Sullivan, Grace Margaret	Morgantown	Soph., A. B.
Sullivan, Mary Elizabeth	Morgantown	Spec., A. & S.
Sullivan, W. Cassel	Clarksburg	Grad., Education
Summerfield, Ellison St. Clair	Fayetteville	2nd. Yr. Law
Summers, Festus Paul	Barboursville	Grad., History
Summers, Robert Russell	Morgantown	Soph., B. S. Phys. Ed.
Suter, Eldron Charles	Glen Dale	Summer School
Suter, Marie	Glen Dale	Spec., Grad.
Sutton, David V.	Clarksburg	Jun., A. B.
Sutton, Felix M.	Clarksburg	Soph., A. B.
Sutton, Joseph Bartlett	Bridgeport	Sen., B. S. Ch. E.
Sutton, Myrwood	Wheeling	1st Yr. Med.
Swearingen, Helen M.	Morgantown	Jun., B. S. Phys. Ed.
Swick, Loyal Benson	Morgantown	Jun., A. B.
Swiger, Dorotha Eleanor	Morgantown	Fr., B. S. H. E.
Swindler, Harold Thornton	Morgantown	Sen., A. B.
Swing, Anna Theresa	Rainelle	2nd Yr. Med.
Swing, Ethel J.	Rainelle	Fr., A. B.
Swing, Leonard C.	Rainelle	Grad., Chemical Eng'g.
Swisher, Arthur Otis	Catawba	Fr., B. S. Phys. Ed.
Swisher, L. Bush	Cairo	Grad., Agriculture
Swisher, Lenna Marie	Spelter	Soph., B. Mus.
Swisher, Marjorie Glenna	Buckhannon	Grad., Home Economics
Sybert, Paul Willard	Mannington	Sen., B. S. Ind. Ed.
Sydnor, Charles William, Jr.	Wheeling	Sen., A. B.
Taggart, Roy Monroe	Morgantown	Sen., B. S. M. E.
Tait, Mary	Morgantown	Grad., English
*Talbert, Kathryn Montgomery	Huntington	Grad., Education
Talbott, Fred Levell	Philippi	Grad., Phys. Ed.
Talbott, Rex Ivan	Philippi	Soph., A. B.
Tallman, Kirk Casto	Kincheloe	Sen., A. B.
Tallman, Sophronia Lucille	Elkins	Grad., English
Tamburini, Mary Jo	Bayard	Jun., A. B.
Taplits, Sol	Brooklyn, N. Y.	Grad., Chemistry
Tasker, M. Elizabeth	Cowen	Spec., Grad.
Tassan, Charles Richard	Holden	Fr., B. S. E. E.
Tassan, John Sainto	Holden	Fr., A. B.
Taylor, Alexander Clinton	Parkersburg	Grad., English
Taylor, Carolyn Kate	Morgantown	Spec., Medicine
Taylor, David Clarence	Petersburg	Jun., B. S. Agr.
Taylor, Edward	Charleston	Sen., A. B.
Taylor, I. Ewen	Huntington	Jun., A. B.
Taylor, Mary Louise	Parkersburg	Grad., Botany
Taylor, Mary Rose	Morgantown	Fr., A. B.
Teagarden, John Lee	Glovers Gap	1st Yr. Med.
Teague, Carmon Edward	Danville, Ala.	Grad., Dairy Husbandry
Tebay, Harry Talbott	Parkersburg	Soph., B. S. Agr.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Tederick, Virginia Isabella	Fairmont	Grad., Education
Teets, Katherine Eleanor	Hollidays Cove	Summer School
*Templeton, Marjorie Kimball	Huntington	Grad., Education
Tennant, Charles R.	Blacksville	Soph., B. S. Ind. Ed.
Tennant, Francis Sidney	Moundsville	Soph., A. B.
Tennant, Leland Chesney	Morgantown	Jun., A. B.
Teter, Sarah Kathryn	Bridgeport	Spec., Grad.
Tetrick, Catherine Virginia	Clarksburg	Fr., B. S. H. E.
Tetrick, Willis Guy	Clarksburg	Soph., B. S. E. E.
Thel, Louis Thomas	Aliquippa, Pa.	Fr., A. B.
Thomas, Beatrice	Morgantown	Grad., Education
Thomas, Beaumont	Follansbee	Jun., A. B.
Thomas, Bernard Lee	Helen	Fr., A. B.
Thomas, Charles Danser	Weston	Grad., Physics
Thomas, Chester T.	Blacksvlle	Jun., A. B.
Thomas, Doris Ann	Newlyn	Soph., A. B.
Thomas, Edith May	Wheeling	Summer School
Thomas, E. Ivan	Saint Albans	Soph., A. B.
Thomas, John Rendle	Fairmont	Fr., A. B.
Thomas, Paul Stuart	Piedmont	2nd Yr. Law
Thomas, Pearl	West Union	Jun., B. S. H. E.
Thomas, Ralph Edward	Thornton	Grad., Education
Thomas, Thelma Graham	Greenville	Grad., Home Economics
Thompson, Garnette Louise	Beckley	Summer School
Thompson, Mary Jane	Ellwood City, Pa.	Fr., A. B.
Thompson, Paul B.	Clarksburg	Soph., B. S. Ch. E.
Thompson, William J.	Bellepoint	Jun., B. S. C. E.
Thorn, Fred David	Morgantown	Fr., A. B.
*Thornburg, Catherine Leonard	Huntington	Grad., English
Thornbury, James Harvey	Man	Sen., A. B.
Thornbury, Lawrence Hegner	Man	Fr., A. B.
Thorne, Marjorie Ann	Elizabeth	Fr., A. B.
Thornhill, William A.	Charleston	Spec., Grad.
Thorniley, Ruth	Morgantown	Jun., B. S. H. E.
Thornton, Jack Thomas	Wheeling	Soph., A. B.
Thudium, John French	Nitro	Soph., B. S. M. E.
Thurber, Ethel Milroy	Wheeling	Sen., A. B.
Tibbs, Richard Bailey	Morgantown	Sen., A. B.
Tibbs, Ruth	Morgantown	Grad., Sociology
Tierney, Kaden	Clarksburg	Jun., A. B.
Tigglebeck, Robert Henry	Wheeling	Sen., B. S. Ind. Ed.
Timmons, Daisy Ella	Triadelphia	Grad., Education
Tincher, Joe Andrew	Richwood	Soph., B. S. C. E.
Tinivell, John	Morgantown	Sen., A. B.
Tinker, Frances McCamic	Moundsville	Grad., English
Tinker, Wesley Rayner, Jr.	Moundsville	2nd Yr. Law
Tippman, Joseph John	Wheeling	Fr., B. S. E. E.
Titus, Kenneth Franklin	Bethany	Grad., Zoology
Titus, Robert Ice	Point Marion, Pa.	Soph., A. B.
Tolley, Moffett Brook	Clarksburg	Fr., B. S. E. E.
Tolley, Truman Blake	Lost Creek	Fr., B. S. Agr.
Tomblyn, Ethel A.	Flemington	Grad., Zoology
Tomlinson, Lewis William	Turtle Creek, Pa.	Fr., A. B.
Tomlinson, William Nathaniel	Turtle Creek, Pa.	Soph., A. B.
Toney, Virginia Elizabeth	Boomer	Grad., English
Tonry, Charles Edward	Martinsburg	3rd Yr. Law

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Toothman, Arlie Gilbert	Fairmont	Grad., Education
Toothman, Charles Holt, Jr.	Parkersburg	Jun., A. B.
Topper, Elizabeth Hank	Morgantown	Soph., A. B.
Topper, John A.	Hyndman, Pa.	1st Yr. Med.
Topper, Paul Freola	Thomas	Grad., History
Towler, John Leslie	Winifrede	Sen., A. B.
Tracy, James F.	Clarksburg	Grad., Education
Travis, William David	Waynesburg, Pa.	Fr., A. B.
Traynor, Phyllis Elizabeth	Cumberland, Md.	Jun., A. B.
Trenary, Virginia	Martinsburg	Jun., A. B.
Trickett, Arden	Independence	Fr., A. B.
Triece, Ellen	Elm Grove	Sen., A. B.
Trimble, Gerald Vance	Richwood	Soph., A. B.
Trimble, Maggie Marie	Buckhannon	Spec., Grad.
Triplett, Zelpha Mae	Glouster, Ohio	Summer School
Tripp, Charles R.	Nineveh, Pa.	Grad., Education
Tropf, Anna Mary	Morgantown	Spec., Grad.
Trumbo, Dorothy Virginia	Brandywine	Fr., A. B.
Tsorvas, George	Belle	Fr., A. B.
Tucker, David Kenneth	Morgantown	Fr., A. B.
Tucker, Earle Cranston	Morgantown	1st Yr. Law
Tucker, Helen	Morgantown	Sen., B. S. H. E.
Tucker, Ruth Reed	Morgantown	Fr., B. S. H. E.
Tucker, Willis C.	Beckley	Grad., English
Tuckwiller, Jesse Ray	Fairmont	Fr., A. B.
Turkovich, Mary M.	Monongah	Summer School
*Turman, Allan H.	Ashland, Ky.	Grad. Education
Tyler, John Wesley	Morgantown	2nd Yr. Law
Tyree, Willa Bird	Elkins	Grad., Chemistry
Ullrich, H. Julian	Wheeling	3rd Yr Law
Umbel, Oma Lucretia	Morgantown	Sen., B. S. H. E.
Umbel, Waneta Virginia	Morgantown	Fr., A. B.
Upton, Arthur Van Gorder	Charleston	Grad., Education
Ursich, Charles	Cassville	Soph., A. B.
Vacheresse, Edward	Wheeling	1st Yr. Med.
Valan, Michael Jonathan	Wheeling	Fr., B. S. C. E.
Vale, Fern	Morgantown	Summer School
Vanaman, Robert	Reedsville	Fr., A. B.
VanCamp, Ada	Paden City	Sen., B. S. Ed.
Vance, Joseph C.	Morgantown	Grad., Education
Vance, Marion Brooking	Iaeger	Summer School
Van Horn, Verna Virginia	Morgantown	Grad., Education
Van Landingham, Alice Hannah	Morgantown	Spec., Grad.
Van Landingham, Audrey Howard	Morgantown	Grad., Agr. Chemistry
Vannoy, Paul Marion	Morgantown	Sen., B. S. E. E.
Van Scoy, William Beura	Morgansville	Grad., Education
Van Voorhis, Charles Edward	Beech Bottom	Soph., A. B.
Van Zandt, Cora Vivian	Point Marion, Pa.	Spec., Phys. Ed.
Vargo, John	Martins Ferry, Ohio	Fr., B. S. Phys. Ed.
Varner, Helen Rae	Morgantown	Soph., B. S. H. E.
Varner, Joseph W.	Saint Marys	Jun., B. S. Phys. Ed.
Varner, Mildred Jennie	Clarksburg	Sen., B. S. Phys. Ed.
Varner, Philip Holt	Morgantown	Fr., A. B.
Vecchio, Andrew	Morgantown	Fr., B. S. C. E.
Vecellio, Ida Ann	Beckley	Jun., B. S. H. E
Vellines, Robert P.	Hinton	Soph., B. S. Ch. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Veon, Barnett Neil	Parkersburg	1st Yr. Law
Vermillion, Frederick	Princeton	1st Yr. Med.
Vermillion, Thomas Uriel	Athens	1st Yr. Med.
Verner, Leif	Charles Town	Grad., Botany
Verona, Joseph Jack	Union City, N. J.	Fr., B. S. Ch. E.
Vest, Marvin Lewis	Elkins	Grad., Mathematics
Via, Robert Everette	White Sulphur Sprigs	Grad., Agriculture
Vickers, Verle Arlington	Mount Hope	Jun., A. B.
Viewig, George L., Jr.	Wheeling	1st Yr. Med.
Viggiano, Michael A.	Yonkers, N. Y.	Sen., A. B.
Vincent, Deward W.	Cairo	Grad., Education
Virgin, Thelma M.	Wellsburg	Sen., A. B.
Virgin, Thomas E.	Hundred	Soph., B. S. E. E.
Vivas, Jose Roberto	Orocovis, P. R.	2nd Yr. Med.
Vodopivec, Frank	Blaine	Sen., A. B.
Vogel, Joseph	New York, N. Y.	Fr., A. B.
Voorhees, Douglas Randolph	Martinsburg	Fr., A. B.
Waddell, John R.	Philippi	1st Yr. Pharm.
Waddell, Nina Lee	Philippi	Sen., A. B.
Waddell, Richard Lee	Philippi	Sen., A. B.
*Wade, Earl Vernard	Ironton, Ohio	Grad., Education
Wade, Jean Spencer	Morgantown	Jun., B. Mus.
Wade, Mary Elizabeth	Morgantown	Jun., B. S. H. E.
Wadepuhl, Berniece Brown	Morgantown	Jun., A. B.
Waggoner, Burline	Morgantown	Jun., B. S. H. E.
Waggoner, Eliza Kathleen	Morgantown	Soph., A. B.
Waggoner, Festus Clee	Belington	Grad., Agriculture
Waggoner, Vental Forest	Harrisville	Sen., B. S. Phys. Ed.
Waggoner, William G.	Morgantown	Jun., B. S. C. E.
Wagner, Carlton Dale	Hebron	Fr., B. S. Agr.
Wagner, Herman Bernard	Triadelphia	Fr., B. S. Ch. E.
Walker, Arthur Elverton	Summersville	Jun., A. B.
Walker, Carl, Jr.	Gassaway	2nd Yr. Pharm.
Walker, Dudley Palmer	Helen	Jun., A. B.
Walker, Estelle	Wellsburg	Grad., Education
Walker, Harold Gilchrist	Morgantown	Soph., B. S. Phys. Ed.
Walker, Jack William	Ripley	Fr., A. B.
Walker, John Alexander	Clarksburg	Sen., A. B.
Walker, Oswald James	Macdonald	Jun., A. B.
Walker, Robert E.	Huntington	1st Yr. Med.
Walker, Stephen Morrison	Gassaway	Summer School
Walker, Walter Hamilton	Morgantown	Grad., Chemistry
Wallace, Helen Virginia	West Union	Sen., A. B.
Wallace, John B.	Morgantown	Sen., B. S. Phys. Ed.
Wallace, Joseph Edgar	West Union	Jun., B. S. E. E.
Wallace, Walter	Grafton	Spec., A. & S.
Walls, George William	Independence	Fr., A. B.
Walls, Nelle	Simon	Summer School
Walsh, Francis Howard	Babylon, N. Y.	Fr., B. S. C. E.
Walsh, Mary Betty	Charleston	Fr., A. B.
Walter, Mary Virginia	Morgantown	Jun., A. B.
Walter, Rena E.	Wheeling	Grad., Spanish
Walter, Robert Daniel	Wheeling	2nd Yr. Med.
Walters, Adam Everette	Morgantown	Grad., Agriculture
Walters, Elmer Kay	Washington	Sen., A. B.
Walters, Lillie Dale	Clarksburg	Grad., English

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Walters, Virginia M.	Clarksburg	Soph., B. S. H. E.
Ward, Ada Katharyn	Elkins	Sen., B. S. H. E.
Ward, C. Dean	Morgantown	Jun., A. B.
Ward, Dorothy Alice	Charleston	Jun., B. Mus.
Ward, Forrest Adam	Parkersburg	Fr., B. S. Phys. Ed.
Ward, Nelson O.	Barnesville, Ohio	Summer School
Ward, Pearl	Spencer	Jun., B. S. H. E.
Ward, Robert Roy	Parkersburg	Soph., B. S. Agr.
Warder, Irene Alice	Wellsburg	Fr., B. S. H. E.
Ware, Clarence Marvin	Belington	Jun., A. B.
Ware, Roy Riggleman	Valley Head	Fr., B. S. Agr.
Waring, Claude Lamont	Keyser	Grad., Education
Warner, Claude Kent	Morgantown	Grad., Zoology
Warner, Edwin Brooks	Morgantown	Jun., B. S. Ed.
Warner, Ira Lee	Morgantown	Grad., Education
Warner, Margaret Lavina	Clarksburg	Summer School
Warnick, Vianna Ruth	Morgantown	Music
Warrick, Richard Allison	Morgantown	Fr., A. B.
Wasmuth, Gladys Virginia	Glen Dale	Fr., B. S. H. E.
Watkins, A. Hale	Grafton	1st Yr. Law
Watkins, Charles Eugene	Grafton	1st Yr. Med.
Watkins, Herbert Vernon	New Martinsville	Soph., B. S. Agr.
Watkins, Howard Andrew	Clairton, Pa.	Soph., A. B.
Watkins, Mary Ann	Reedsville	Soph., A. B.
Watring, Frank Marvin	Morgantown	Fr., B. S. Ind. Ed.
Watring, Joseph W.	Terra Alta	Fr., A. B.
Watson, Barbara Jeanne	Morgantown	Fr., A. B.
Watson, Elizabeth L.	Morgantown	Fr., B. S. H. E.
Watson, Glenn S.	Masontown	Grad., Chemistry
Watson, Isabelle Magee	Tunnelton	Jun., B. Mus.
Watson, Jeannetta Elizabeth	Pine Grove	Sen., A. B.
Watson, Kenneth Stanley	Morgantown	Soph., B. S. Ch. E.
Watson, Paul William	Tunnelton	Grad., Education
Watson, Sallie DeL.	Thomas	Grad., English
Waugh, Bertha	Grafton	Spec., Grad.
Way, Durbin Helling	Wheeling	Jun., B. S. Ch. E.
Wayman, Walter Harold	Wayne	Grad., Agriculture
Weaver, Martha Jane	Morgantown	Soph., A. B.
Weaver, Wade	Emory, Va.	Grad., Chemistry
Webb, Harry Lewis	Sistersville	Soph., B. S. Ch. E.
Webb, Martha	Morgantown	Soph., A. B.
Webb, Robert M.	Sistersville	Jun., B. S. Ch. E.
Weber, Charles Fred	Berkeley Springs	Fr., B. S. E. E.
Weber, William N.	Coalton	Grad., Education
Webster, Willa	Terra Alta	Soph., A. B.
Weekley, Elizabeth Lois	Philippi	Sen., A. B.
Weese, Samuel Josephus	Morgantown	Grad., Agriculture
Wiedman, Mary Elizabeth	Parkersburg	Summer School
Weidner, Elizabeth Eleanor	Lumberport	Grad., French
Weightman, Mary Ellen	Shinnston	Sen., A. B.
Wiegold, Donald Elmer	Balboa, C. Z.	Fr., A. B.
Weimer, Maude	Davis	Music
Weiner, Jess Joe	Paterson, N. J.	Fr., A. B.
Weiner, Morris	Ferndale, N. Y.	Soph., A. B.
Weisman, Stephen	New Brunswick, N. J.	Sen., A. B.
Weissenburger, Jason T.	Point Pleasant	2nd Yr. Law
Welch, Harry Francis	Morgantown	Jun., B. S. C. E.
Welch, Ralph Wick	Harrisville	Sen., B. S. Agr.

Weller, John William	Martinsburg	Soph., A. B.
Wells, A. Linley	Bethany	Grad., Education
Wells, Dana	Morgantown	Grad., Geology
Wells, Frank Ephraim	New Martinsville	Fr., A. B.
Wells, Frieda	Bethany	Summer School
Wells, George C.	Huntington	1st Yr. Med.
Wells, James Leon	Charleston	1st Yr. Pharm.
Wells, Violet Belle	Morgantown	Fr., B. S. H. E.
Welsh, Elmer Edward	Uniontown, Pa.	Sen., A. B.
Welsh, Nellie Irene	Uniontown, Pa.	Sen., A. B.
Welsh, Norval Arthur	Morgantown	Jun., A. B.
Welshans, Lewis Taxter	Shepherdstown	Sen., A. B.
Welshans, Mary Elizabeth	Wheeling	Fr., A. B.
Welshonce, Katharine Elizabeth	Keyser	Sen., A. B.
West, Agnes Thornberry	Morgantown	Grad., Zoology
West, Edward Cecil	Spencer	Summer School
West, Fenton Tyree	Huntington	Grad., Zoology
West, James Anderson	Charleston	Sen., A. B.
West, John Eugene	Parkersburg	Grad., Education
West, Mary Jane	Morgantown	Fr., B. S. Phys. Ed.
West, Ruth Elizabeth	Morgantown	Soph., A. B.
Westerman, Charles F.	Charleston	Soph., A. B.
Westfall, Oshel Perry	Glen Hedrick	Grad., Agriculture
Westwood, Felix Edward	Wheeling	3rd Yr. Law
Wetzel, Ralph Hugh	West Union	1st Yr. Med.
Weyand, Harold Henry	Morgantown	Fr., A. B.
Whaley, William Claude	Fairmont	Grad., Education
Wharton, Eva A.	New Martinsville	Sen., B. S. H. E.
Whetsell, Elwood	Terra Alta	Fr., A. B.
White, Anna Bancroft	Morgantown	Soph., A. B.
White, Annie Laurie	Morgantown	Sen., A. B.
White, Carl Blower, Jr.	Clarksburg	Jun., A. B.
White, DeWitt	Morgantown	Jun., A. B.
White, Douglas Miller	South Charleston	Fr., B. S. E. E.
White, George LeRoy	Hollidays Cove	Soph., B. S. E. E.
White, Harold Benson	Moundsville	Jun., A. B.
White, Harriet Kemble	Fairmont	Spec., Grad.
White, Henry Murray	Hollis, N. Y.	Fr., A. B.
White, Herbert Blaine	Kingwood	Fr., B. S. M. E.
White, Homer Joyent	Wellsburg	Jun., A. B.
White, Ivan, Jr.	Hollidays Cove	Soph., B. S. M. E.
White, James Wilson	Wheeling	Sen., A. B.
White, Lorna Doone	Morgantown	Grad., English
White, Martha	Buckhannon	Sen., B. S. H. E.
White, Mathew Weldon	Clendinin	Fr., A. B.
White, Maurice	Buckhannon	Fr., B. S. Agr.
White, N. Alice Meredith	Keyser	Grad., Education
White, Orval F.	Morgantown	Soph., B. S. Agr.
White, Orville D.	Point Pleasant	Grad., Agriculture
White, Ralph Milton	Wadestown	Soph., A. B.
White, Ronald Francis	Point Pleasant	Fr., B. S. Agr.
White, Sherman Blaine	Kingwood	Summer School
White, Simon Lewis	Hundred	Grad., Education
White, Wayne Gilmer	Clendenin	Soph., B. S. (Eng'g.Elec.)
White, William	Martinsburg	Summer School
White, William McRae	Raleigh	Soph., A. B.
Whitehair, Hugh Kelly	Terra Alta	Fr., A. B.
Whiteley, Joe M.	Connelsville, Pa.	Soph., A. B.

Whitener, Auther A.	Terra Alta	Sen., B. Mus.
Whitener, Evert F.	Richwood	Grad., History
Whitlock, John William	Charleston	2nd Yr. Med.
Whitman, Mary Atkins	Morgantown	Spec., Grad.
Whittington, James Arnold	Nitro	Fr., A. B.
Wiant, Isaac Joseph	Lost Creek	Soph., A. B.
Wiant, Nina	Lost Creek	Grad., Home Economics
Wiant, Ruth	Lost Creek	Soph., A. B.
Wichterman, Paul Herbert	Elm Grove	Jun., A. B.
Wickline, Perry Dawson	Zenith	Grad., Agroculture
Wiedebusch, Martha Virginia	Morgantown	Jun., B. S. H. E.
Wiesner, Henry	Wheeling	Jun., B. S. C. E.
Wightman, Ernest Thomas	Morgantown	Grad., Poultry Husbandry
Wiland, Irene Emma	Kingwood	Soph., B. S. H. E.
Wilbourn, Margaret Elizabeth	Morgantown	Soph., A. B.
Wilcox, Maurice Kenneth	West Union	Grad., Education
Wilcox, Thelma Marie	Clarksburg	Sen., B. Mus.
Wildman, Irene Grace	Morgantown	Fr., A. B.
Wildstein, Louis	Newark, N. J.	3rd Yr. Law
Wiles, Harold Ralph	Tunnelton	Fr., A. B.
Wiles, Isaiah A.	Morgantown	Grad., Zoology
Wilhelm, Catherine	Elbert	Grad., History
Wilhelm, Millicent Mary	Blaine	Sen., A. B.
Wilkinson, Cordie Myrle	Shinnston	Sen., A. B.
Wilkinson, Renick Eugene	Morgantown	Grad., Education
Wilkinson, Starling Gorrell	Shinnston	Fr., A. B.
Willey, Norman Oliver	Morgantown	Fr., B. S. E. E.
Willhide, Victor Cole	Grafton	Grad., Education
Williams, A. Lucile	Beckley	Fr., B. Mus.
Williams, Benjamin Leo	Charleston	Sen., B. S. C. E.
Williams, Daisy	Man	Jun., A. B.
Williams, Edgar Lowery, Jr.	Fairmont	Soph., B. S. Agr.
Williams, Edward T.	Chester	Jun., B. S. E. E.
Williams, Frank James	Charleston	Jun., A. B.
Williams, Helen Elizabeth	Beckley	Sen., B. S. Phys. Ed.
Williams, Helen Virginia	Matoaka	Fr., B. Mus.
Williams, Kathleen	Lewisburg	Soph., B. S. H. E.
Williams, Loring Rider	Buckhannon	Grad., Chemistry
Williams, Marion A.	Fairmont	Jun., B. Mus.
Williams, Martin Harold	Bristol	Jun., B. S. Agr.
Williams, Roy Edward	East Bank	Sen., A. B.
Williams, Samuel Harrison	East Palestine, Ohio	2nd Yr. Med.
Williams, William Andrew	Morgantown	Spec., Grad.
Williams, William Howard	Weston	Fr., B. S. Ch. E.
Williamson, Charlotte Elizabeth	Sistersville	Jun., B. S. Ed.
Williamson, Franklin Eudell	Kenova	Grad., History
Williamson, Herschel M.	Williamson	Grad., Education
Willis, Mary Virginia	Bluefield	Sen., A. B.
Wilmoth, Stark Amasa	Montrose	Grad., Education
Wilson, Alma Virginia	Morgantown	Soph., A. B.
Wilson, Avis Mildred	Parkersburg	Spec., Grad.
Wilson, Darcy	Morgantown	Summer School
Wilson, Eula Edith	Parkersburg	Fr., A. B.
Wilson, Fred Arnold	Fairview	Fr., B. S. Phys. Ed.
Wilson, Fred Mark	Marlinton	Fr., A. B.
Wilson, Gorda Lee	Parkersburg	Grad., Education
Wilson, James Burton	Richwood	Soph., A. B.
Wilson, Jane B.	Clarksburg	Fr., A. B.

Wilson, John Frampton	Clarksburg	Jun., B. S. Ch. E.
Wilson, John Franklin	Morgantown	Fr., B. S. Ch. E.
Wilson, Juanita	Morgantown	Jun., A. B.
Wilson, Katharine Hay	Washington, D. C.	Sen., A. B.
Wilson, Lawrence Mervyn	Kingwood	Fr., A. B.
Wilson, Margaret Virginia	Wellsburg	Fr., A. B.
Wilson, Marie Antoinette	Clarksburg	Soph., A. B
Wilson, Miriam H.	Clarksburg	Sen., A. B.
Wilson, Neal B.	Huntington	2nd Yr. Law
*Wilson, Philip Clarence	Chesapeake, Ohio	Grad., Education
Wilson, Thomas Glen	McMechen	Jun., B. S. Phys. Ed.
Wilson, Tudelle M.	Charleston	Grad., English
Wilson, William Bernard	Logan	Soph., B. S. E. E.
Wilson, William Leslie	Hinton	Soph., B. S. Ch. E.
Wimer, Joseph Winfield	Gans, Pa.	Fr., B. S. Agr.
Winger, Leland Henry	Shinnston	Soph., B. S. E. E.
Winter, Cinderella H.	Mason	Fr., A. B.
Winter, Lawrence Alton	Charleston	Fr., B. S. Ch. E.
Winter, Rupert Edward	Shinnston	Grad., Agriculture
Wise, Charles Chilton	Moorefield	Jun., A. B.
Wise, Mary Elizabeth	Fairview	Fr., A. B.
*Wiseman, Oliver Morton	Ironton, Ohio	Grad., Education
Withers, Carter B.	Parkersburg	Sen., B. S. E. E.
Withers, Elizabeth Anne	Summit Point	Grad., Mathematics
Withers, Ruth Myron	Grafton	Sen., B. S. H. E.
Withrow, Maxie Alva	Lewisburg	Sen., A. B.
Witry, Henry John	Nitro	Soph., B. S. M. E.
Witten, Mary B.	Princeton	Grad., Zoology
Wolf, Ira Maurice	Hartford, Conn.	Summer School
Wolfe, Charles Tregellas	Grafton	Sen., A. B.
Wolfe, Dorwin J.	Grafton	Grad., Education
Wolfe, Helen	Kingwood	Sen., B. S. H. E.
Wolfe, Selby	Lost Creek	Grad., Education
Wolfe, Tranise	Morgantown	Jun., B. S. H. E.
Wolfe, Walter Hardman	Tunnelton	Jun., A. B.
Wolverton, Ruth Grant	Piedmont	Fr., A. B.
Wolverton, Ruth Maxine	Elkins	Jun., A. B.
Womer, Janet Kathleen	Somerset, Pa.	Fr., A. B
Wood, Jean Harold	Littleton	Grad., Education
Wood, Kenneth	Morgantown	Spec., A. & S.
Woodburn, Samuel Ralph	Clarksburg	Fr., B. S. Ch. E.
Wooddell, Edith Marguerite	Webster Springs	Grad., French
*Woodford, Alberta Louise	Huntington	Grad., English
Woodford, James Ralph	Philippi	2nd Yr. Med.
Woodhull, Frances Marie	Morgantown	Soph., A. B.
Woodhull, Mary Louise	Morgantown	Fr., A. B.
Woodhull, Robert B.	Morgantown	Jun., A. B.
Woofter, Robert A.	Morgantown	Fr., B. S. Ch. E.
Woofter, Susan Madaline	Salem	Grad., Education
Woofter, Yvonne Mildred	Salem	Grad., Education
Wotring, Earnest Howard	Morgantown	Sen., B. S. Agr.
Wotring, Herman W.	Morgantown	Soph., B. S. Ch. E.
Wotring, Richard Milburn	Terra Alta	Sen., A. B.
Wotring, Vivian M.	Hetzel	Grad., English
Wray, Everett Bassett	Glen White	2nd Yr. Med.
Wright, Charles Erman	Charleston	Fr., B. S. Ch. E.

*Enrolled in Graduate Courses conducted at Marshall College, Summer, 1931.

Wright, Eugene O.	Fairmont	Soph., A. B.
Wright, Lela Susan	Reedy	Soph., A. B.
Wright, Marion L.	Beckley	Sen., A. B.
Wright, William Berl	Burnt House	2nd Yr. Med.
Wyckoff, Ruth	Fairmont	Spec., Grad.
Wysocki, S. Alexander	Huntington	Fr., B. S. Ch. E.
Yoak, Maud	Clarksburg	Grad., English
Yocke, Lillian Emaline	Wheeling	Sen., A. B.
Yoe, Harry Warner	Martinsburg	Fr., B. S. Agr.
Yoke, Helen Lenhart	Morgantown	Grad., Education
Yost, Argyle W.	Farmington	Grad., Chemistry
Young, Charles Melvin	Morgantown	Sen., A. B.
Young, Chesney	Charleston	1st Yr. Law
Young, Clarence Morris	Morgantown	Grad., Education
Young, DeWitt Marion	Charleston	Fr., A. B.
Young, Grethel Goldie	Morgantown	Sen., B. S. Phys. Ed.
Young, Harold Bryan	Hastings	Soph., A. B.
Young, Ira Samuel	Morgantown	Sen., B. S. Ch. E.
Young, Joe Lamar	Berkeley Springs	Grad., Education
Young, Linwood Hall	Philippi	Jun., B. S. Agr.
Young, Lloyd Huffman	Lost Creek	3rd Yr. Law
Young, Ralph A.	Clarksburg	1st Yr. Med.
Young, Richard Wallace	Buckhannon	2nd Yr. Med.
Zaidan, James Abraham	Mount Pleasant, Pa.	Fr., A. B.
Zakary, Horace Louis	Newburgh, N. Y.	Jun., A. B.
Zearley, Esther Elizabeth	Morgantown	Sen., B. S. Phys. Ed.
Zelic, George	Benwood	Fr., A. B.
Zeller, Harold Frederick	Salem	Fr., A. B.
Zickefoose, Lenore	Harrisville	Jun., B. S. Ed.
Ziegler, Robert B.	Clarksburg	3rd Yr. Law
Zimmerman, Carrie Naomi	McMechen	Sen., B. S. Ed.
Zimmerman, John Harvey	Clarksburg	1st Yr. Med.
Zinn, Lucille Virginia	Morgantown	Fr., B. S. H. E.
Zinn, Maurice	Philippi	Grad., Education
Zinn, Sylvia Ruth	Morgantown	Jun., A. B.
Zinn, Virginia Myrtle	Morgantown	Soph., B. S. Phys. Ed.
Zirbs, Charles	Elkins	Jun., B. S. Phys. Ed.
Zirkle, Ola Mae	Philippi	Grad., Home Economics
Znoy, Michael Marion	Weirton	Soph., A. B.
Zobrist, John Carr	Weston	Fr., B. S. C. E.
Zogg, Carrie B.	Wellsburg	Jun., A. B.
Zogg, Mae Louise	Wellsburg	Soph., A. B.
Zucchero, Peter Joseph	Morgantown	Grad., Zoology
Zulkoski, Bruno Peter	Morgantown	Soph., B. S. Ch. E.
Zwick, Marie Elizabeth	Fredericktown, Pa.	Sen., B. S. Phys. Ed.
Zwicker, Julius William	Wheeling	3rd Yr. Law

CLASSIFIED ENROLLMENT

I. *Resident Instruction:*

1. In the Colleges, Schools, and Divisions:

	Graduate			Senior			Junior			Sophomore			Freshman			Total			Special			Grand Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
Arts and Sciences	162	213	375	144	115	259	191	110	301	226	148	374	295	130	425	1018	716	1734	9	22	31	1027	738	1765
Engineering	19	0	19	65	0	65	62	0	62	109	0	109	170	0	170	425	0	425	0	0	0	425	0	425
School of Mines	2	0	2	5	0	5	6	0	6	12	0	12	5	0	5	30	0	30	0	0	0	30	0	30
Agriculture	78	24	102	28	56	84	38	49	87	27	27	54	32	45	77	203	201	404	0	1	1	203	202	405
Law				57	2	59	43	5	48	43	2	45	0	0	0	143	9	152	0	0	0	143	9	152
Medicine				59	2	61	76	3	79	0	0	0	0	0	0	135	5	140	0	2	2	135	7	142
Pharmacy				4	1	5	3	0	3	10	1	11	17	2	19	34	4	38	0	0	0	34	4	38
Education	207	85	292	21	33	54	12	44	56	0	0	0	0	0	0	240	162	402	0	0	0	240	162	402
Physical Education	12	4	16	13	13	26	13	25	38	19	21	40	29	23	52	86	86	172	0	9	9	86	95	181
Music				4	14	18	2	13	15	2	3	5	6	9	15	14	39	53	8	21	29	22	60	82
*Summer Session not counted elsewhere																			41	82	123	41	82	123
Totals	480	326	806	400	236	636	446	249	695	448	202	650	554	209	763	2328	1222	3550	58	137	195	2386	1359	3745

2. In Short Courses:

Short Course in Coal Mining	89	0	89
Road School	60	0	60
Fire School	156	0	156
Farm and Home Week	488	283	771
Total	793	283	1076

II. *Extension:*

In Industrial Education	54	0	54
In Mining Extension	1083	0	1083
Total	1137	0	1137

III. *Summary:*

Resident Instruction	3179	1642	4821
Extension	1137	0	1137
Total	4316	1642	5958

*The total enrollment during the Summer Session, 1931, was 774 men and 664 women, a total of 1,438.

GEOGRAPHICAL DISTRIBUTION OF ENROLLMENT

In the Colleges, Schools, and Divisions

BY STATES

Alabama	1	Michigan	2
Canada	1	Missouri	3
Canal Zone	1	New Jersey	29
Colorado	1	New York	68
Connecticut	5	North Carolina	2
Costa Rica	1	North Dakota	1
Delaware	2	Ohio	29
District of Columbia	1	Pennsylvania	200
Florida	1	Philippine Islands	3
Hawaii	1	Porto Rico	8
Illinois	5	Rhode Island	1
Indiana	2	Virginia	8
Iowa	2	West Virginia	3340
Kansas	1	Wicsonsin	2
Kentucky	5		
Maryland	16	Total	3745
Massachusetts	3		

BY WEST VIRGINIA COUNTIES

Barbour	30	Mingo	22
Berkeley	45	Monongalia	838
Boone	18	Monroe	14
Braxton	40	Morgan	5
Brooke	48	Nicholas	38
Cabell	65	Ohio	188
Calhoun	10	Pendleton	16
Clay	6	Pleasants	21
Doddridge	23	Pocahontas	20
Fayette	53	Preston	119
Gilmer	11	Putnam	5
Grant	8	Raleigh	56
Greenbrier	54	Randolph	75
Hampshire	17	Ritchie	46
Hancock	45	Roane	22
Hardy	13	Summers	23
Harrison	251	Taylor	56
Jackson	17	Tucker	38
Jefferson	17	Tyler	31
Kanawha	217	Upshur	33
Lewis	48	Wayne	12
Lincoln	12	Webster	16
Logan	28	Wetzel	71
McDowell	38	Wirt	6
Marion	209	Wood	76
Marshall	67	Wyoming	16
Mason	21		
Mercer	52	Total	3340
Mineral	24		

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